



Nowakowski, Judy &lt;jnowakowski@usgs.gov&gt;

---

**Fwd: Governors Office**

1 message

---

**Judy Nowakowski** <jnowakowski@usgs.gov>  
To: William Werkheiser <whwerkhe@usgs.gov>  
Bcc: jnowakowski@usgs.gov

Wed, Dec 20, 2017 at 3:19 PM

I'm sorry, but...

I'm not sure what Dave means by framework, but are we giving an indication of whether the numbers are up, down, or unchanged (which I heard we customarily do for DOI) to help AK prepare for media? I'm guessing up, down, or unchanged alone could be very helpful in lots of transactions. The logic here still escapes me.

Thanks!

Begin forwarded message:

**From:** "Houseknecht, David" <dhouse@usgs.gov>  
**Date:** December 20, 2017 at 9:41:29 AM EST  
**To:** Judy J Nowakowski <jnowakowski@usgs.gov>, Julia Jester <jjester@usgs.gov>, "Wade, Anne-Berry" <abwade@usgs.gov>, Walter Guidroz <wguidroz@usgs.gov>  
**Subject:** Fwd: Governors Office

Normally, I would not bring this to your attention, but considering events of the past few days I want to bring you up to speed on request I received from the Alaska Governors Office late yesterday (will forward that email in a minute). I talked by phone to the Governors DC rep about 6:45 last evening and agreed to do a briefing this afternoon. I informed Walter and invited him to attend, but he is has conflicting meetings.

This morning, I emailed Andrea T, and that thread is provided below.

Stay tuned!

Dave Houseknecht  
U.S. Geological Survey  
12201 Sunrise Valley Drive  
MS 956  
Reston, VA 20192  
(703) 648-6466

----- Forwarded message -----

**From:** Houseknecht, David <dhouse@usgs.gov>  
**Date:** Wed, Dec 20, 2017 at 9:28 AM  
**Subject:** Re: Governors Office  
**To:** "Travnicek, Andrea" <andrea\_travnicek@ios.doi.gov>  
**Cc:** Laura Rigas <laura\_rigas@ios.doi.gov>

Around 2:30 pm. I will take shuttle to DOI and then taxi to Governors Office.

This was reason for request (from Crowther's email to me): [Wanted to reach out to you about the potential for State of Alaska briefings on the upcoming USGS North Slope assessments so that we can be prepared for the significant media interest that we expect.](#)

I briefed the Alaska Commissioner of DNR (Andy Mack) and his staff in May 2017, and then the Governor and his staff later that same week. Crowther and Decker were included in those briefings. And, Decker participated in our public review meeting in Anchorage in early November 2017. Consequently, I anticipate this will be more of a refresher than anything.

Dave Houseknecht  
U.S. Geological Survey  
12201 Sunrise Valley Drive  
MS 956  
Reston, VA 20192  
(703) 648-6466

On Wed, Dec 20, 2017 at 9:21 AM, Travnicek, Andrea <[andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)> wrote:

Dave-

I am including Laura Rigas on this e-mail as she is the head of Comms. Please coordinate with her to insure she is okay with this. I will call her and give a heads up also.

When and what time is this meeting?

Andrea

Andrea Travnicek, Ph.D.  
Deputy Assistant Secretary for Water and Science  
Exercising the Authority of the Assistant Secretary for Water and Science  
Office of the Secretary  
U.S. Department of the Interior  
work: 202-208-0969  
cell: 202-897-7220

On Wed, Dec 20, 2017 at 9:14 AM, Houseknecht, David <[dhhouse@usgs.gov](mailto:dhhouse@usgs.gov)> wrote:

Andrea - late yesterday I was contacted by the Alaska Governors Office asking for a pre-release briefing on the assessment. I agreed with the understanding that the content will be framework of the assessment only and NO NUMBERS will be included.

Participants will be John Crowther (Governors Rep in DC), Elizabeth Bluemink (Governors staff in Anchorage), and Paul Decker (Alaska Division of Oil and Gas, Manager of Resource Evaluation Group). Elizabeth and Paul will be via phone.

Dave Houseknecht  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](#)  
MS 956  
Reston, VA 20192  
(703) 648-6466



Nowakowski, Judy &lt;jnowakowski@usgs.gov&gt;

---

**Fwd: FW: Couple of things**

1 message

**Houseknecht, David** <dhouse@usgs.gov>

Wed, Dec 20, 2017 at 9:42 AM

To: Judy J Nowakowski &lt;jnowakowski@usgs.gov&gt;, Julia Jester &lt;jjester@usgs.gov&gt;, "Wade, Anne-Berry" &lt;abwade@usgs.gov&gt;

Crowther email from yesterday.

Dave Houseknecht  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](#)  
MS 956  
Reston, VA 20192  
(703) 648-6466

----- Forwarded message -----

From: **Crowther, John J (GOV)** <[john.crowther@alaska.gov](mailto:john.crowther@alaska.gov)>

Date: Tue, Dec 19, 2017 at 4:33 PM

Subject: FW: Couple of things

To: "dhouse@usgs.gov" &lt;dhouse@usgs.gov&gt;

Cc: "Decker, Paul L (DNR)" <[paul.decker@alaska.gov](mailto:paul.decker@alaska.gov)>, "Bluemink, Elizabeth (DNR)" <[elizabeth.bluemink@alaska.gov](mailto:elizabeth.bluemink@alaska.gov)>

Dave –

Wanted to reach out to you about the potential for State of Alaska briefings on the upcoming USGS North Slope assessments so that we can be prepared for the significant media interest that we expect.

I've talked with Paul and Elizabeth (cc'd here) and I understand the release will probably be this Friday, the 22<sup>nd</sup>? If possible we would like to get a limited, embargoed briefing (if possible) on Thursday given the time-zone differences – but in any event we would really appreciate discussing as you're able.

If you recall, we were able to meet briefly earlier this year in Alaska at the GMC – at the time I was working for DNR Commissioner Mack, but I'm working out of the Governor's office in DC now – I'll have to make my way out to Reston sometime!

Happy Holidays,

**John Crowther**

Director of State and Federal Relations

Office of Alaska Governor Bill Walker

(202) 624-5988 desk

[john.crowther@alaska.gov](mailto:john.crowther@alaska.gov)





Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: Briefing Question**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 1:01 PM

----- Forwarded message -----

From: **David Applegate** <applegate@usgs.gov>  
Date: Sat, Dec 16, 2017 at 12:31 PM  
Subject: Re: Briefing Question  
To: Murray Hitzman <mhitzman@usgs.gov>

Thanks, Murray. Talking to Bill mid-day.

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
12201 Sunrise Valley Drive MS 111  
Reston VA 20192  
703 648 6600  
applegate@usgs.gov

On Dec 16, 2017, at 12:28 AM, Murray Hitzman &lt;mhitzman@usgs.gov&gt; wrote:

Usgs phone no. 202-706-2821. Thanks for stopping by Dave

Sent from my iPhone

On Dec 15, 2017, at 8:02 PM, David Applegate &lt;applegate@usgs.gov&gt; wrote:

Is now okay to swing by?

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
12201 Sunrise Valley Drive MS 111  
Reston VA 20192  
703 648 6600  
applegate@usgs.gov

On Dec 15, 2017, at 5:50 PM, Hitzman, Murray &lt;mhitzman@usgs.gov&gt; wrote:

please do not send anything today - I am meeting Dave A. this evening and we can talk it through.

On Fri, Dec 15, 2017 at 5:34 PM, David Applegate &lt;applegate@usgs.gov&gt; wrote:

I am willing to bring a hard copy to the Department on Sunday with numbers. We could offer a digital version without numbers as an alternative. I definitely do not feel comfortable sharing the numbers electronically outside USGS.

Would want to run that by Bill.

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
12201 Sunrise Valley Drive MS 111  
Reston VA 20192  
703 648 6600  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

On Dec 15, 2017, at 5:27 PM, Hitzman, Murray <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)> wrote:

Just speaking personally I would send with numbers blanked and say those will be provided monday - but that will be david a's call.

On Fri, Dec 15, 2017 at 5:23 PM, Houseknecht, David <[dhouse@usgs.gov](mailto:dhouse@usgs.gov)> wrote:

Got a phone call from Andrea asking if I would send her the briefing slides this weekend as "the Secretary likes to see them ahead of the briefing."

Thoughts on sending them?

Dave Houseknecht  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](#)  
MS 956  
Reston, VA 20192  
(703) 648-6466

--  
Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576

--  
Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576



Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: Briefing Question**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:31 PM

----- Forwarded message -----

From: **Murray Hitzman** <mhitzman@usgs.gov>  
Date: Sat, Dec 16, 2017 at 8:04 PM  
Subject: Re: Briefing Question  
To: "Houseknecht, David" <dhouse@usgs.gov>  
Cc: David Applegate <applegate@usgs.gov>, Walter Guidroz <wguidroz@usgs.gov>

Ok

Sent from my iPhone

&gt; On Dec 16, 2017, at 8:01 PM, Houseknecht, David &lt;dhouse@usgs.gov&gt; wrote:

&gt;

&gt; I will add password and send now. Call my home number (b) (6) and I

&gt; will give you password.

&gt;

&gt; Dave Houseknecht

> [U.S. Geological Survey](#)> [12201 Sunrise Valley Drive](#)

&gt; MS 956

&gt; Reston, VA 20192

&gt; (703) 648-6466

&gt;

&gt;&gt; On Sat, Dec 16, 2017 at 7:36 PM, David Applegate &lt;applegate@usgs.gov&gt; wrote:

&gt;&gt;

&gt;&gt; Is everybody okay on the disclaimers. Once that's so, then go ahead and

&gt;&gt; send to me. I'll let Andrea know how we are prepared to handle this

&gt;&gt; additional pre-release request. Probably won't be able to do that til later

&gt;&gt; tonight.

&gt;&gt;

&gt;&gt; Thanks, Dave

&gt;&gt;

&gt;&gt; \*-----\*

&gt;&gt; David Applegate, Ph.D.

&gt;&gt; Associate Director for Natural Hazards

&gt;&gt; Exercising Authority of the Deputy Director

>> [U.S. Geological Survey](#)>> [12201 Sunrise Valley Drive](#) MS 111

&gt;&gt; Reston VA 20192

&gt;&gt; 703 648 6600

>> [applegate@usgs.gov](mailto:applegate@usgs.gov)

&gt;&gt;

&gt;&gt; On Dec 16, 2017, at 1:17 PM, Houseknecht, David &lt;dhouse@usgs.gov&gt; wrote:

&gt;&gt;

&gt;&gt; I can send password-secured pdf to Dave anytime - it's ready as far as I'm

&gt;&gt; concerned.

&gt;&gt;

&gt;&gt; Dave Houseknecht

>> [U.S. Geological Survey](#)>> [12201 Sunrise Valley Drive](#)>> <<https://maps.google.com/?q=12201+Sunrise+Valley+Drive&entry=gmail&source=g>>

>> MS 956  
>> Reston, VA 20192  
>> (703) 648-6466  
>>  
>>> On Sat, Dec 16, 2017 at 1:12 PM, Murray Hitzman <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)> wrote:  
>>>  
>>> Best would be Dave a. Delivering hard copy to doi tomorrow if possible  
>>>  
>>> Sent from my iPhone  
>>>  
>>> On Dec 16, 2017, at 1:10 PM, David Applegate <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:  
>>>  
>>> Dave,  
>>>  
>>> Bernhardt told us that we have to provide the numbers to the Secretary on  
>>> Monday, and I am still more comfortable with just a hard copy. Even a  
>>> password-protected PDF seems problematic given the number of people who no  
>>> doubt have access to their email addresses. I am willing to bring a hard  
>>> copy when finalized tomorrow or first thing tomorrow morning. We are in  
>>> uncharted waters.  
>>>  
>>> I'm okay with the revised disclaimer. The key is having one.  
>>>  
>>> Dave  
>>>  
>>> \*-\*\*\*\*\*-\*  
>>> David Applegate, Ph.D.  
>>> Associate Director for Natural Hazards  
>>> Exercising Authority of the Deputy Director  
>>> [U.S. Geological Survey](http://www.usgs.gov)  
>>> [12201 Sunrise Valley Drive](http://www.usgs.gov) MS 111  
>>> Reston VA 20192  
>>> 703 648 6600  
>>> [applegate@usgs.gov](mailto:applegate@usgs.gov)  
>>>  
>>> On Dec 16, 2017, at 12:35 PM, Murray Hitzman <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)> wrote:  
>>>  
>>> I think the method of sending sounds ok if Dave is ok with it.  
>>>  
>>> Sent from my iPhone  
>>>  
>>> On Dec 16, 2017, at 10:05 AM, Houseknecht, David <[dhouse@usgs.gov](mailto:dhouse@usgs.gov)> wrote:  
>>>  
>>>  
>>> yesterday and send to Dave and Walter for review.  
>>>  
>>>  
>>> 2. Late today or tomorrow (Sunday) I will make any further revisions  
>>> suggested by Dave and Walter.  
>>>  
>>>  
>>> 3. I will convert slide deck to a password-secured pdf file, email that  
>>> to Andrea, a  
>>>  
>>>  
>>  
> <BRIEFING\_secure.pdf>



Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: critical minerals release next week... maybe?**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:39 PM

----- Forwarded message -----

From: **Crafford, Thomas** <tcrafford@usgs.gov>

Date: Fri, Dec 15, 2017 at 10:45 AM

Subject: Re: critical minerals release next week... maybe?

To: "Applegate, David" &lt;applegate@usgs.gov&gt;

Cc: "Jones, Leslie" &lt;ljones@usgs.gov&gt;, Murray Hitzman &lt;mhitzman@usgs.gov&gt;, Sarah Ryker &lt;sryker@usgs.gov&gt;, Judy Nowakowski &lt;jnowakowski@usgs.gov&gt;, Joanne Taylor &lt;jctaylor@usgs.gov&gt;, William Werkheiser &lt;whwerkhe@usgs.gov&gt;, David Diamond &lt;dbdiamond@usgs.gov&gt;, "A.B. Wade" &lt;abwade@usgs.gov&gt;, Julia Jester &lt;jjester@usgs.gov&gt;, "Lukas, William" &lt;wlukas@usgs.gov&gt;, "Meinert, Lawrence" &lt;lmeinert@usgs.gov&gt;, Walter Guidroz &lt;wguidroz@usgs.gov&gt;

#9 Hafnium also needs text

On Fri, Dec 15, 2017 at 10:30 AM, Applegate, David &lt;applegate@usgs.gov&gt; wrote:

All,

At this morning's meeting with the Deputy Secretary, we heard that there may be a delay of a day or two in the joint USGS-BOEM North Slope assessment release. Andrea Travnicek is working to get clarity on this and will update us as she can.

Dave

-----  
David Applegate, Ph.D.

Associate Director for Natural Hazards

Exercising Authority of the Deputy Director

U.S. Geological Survey

12201 Sunrise Valley Drive MS 111, Reston VA 20192

703 648 6600 voice, 703 648 7031 fax

applegate@usgs.gov

On Fri, Dec 15, 2017 at 9:29 AM, Jones, Leslie &lt;ljones@usgs.gov&gt; wrote:

Just a reminder that the NPRA assessment is (scheduled) to go out on Dec. 20th, so we may not want competing releases on the same day. However, that one could be shifted too...

Leslie

On Fri, Dec 15, 2017 at 7:22 AM, Meinert, Lawrence &lt;lmeinert@usgs.gov&gt; wrote:

Dave,

This is sort of good news although you are correct that we have heard this song before. Given that we MUST have a 2017 date on this publication I suggest that we set a firm date of Wednesday Dec. 20 so that publications can do their job to get this out the door. Needless to say that releasing this report at the end of the year near Christmas is the WORST possible time to release any publication because it assures minimal notice. After more than a year of delay for no productive reason, to now release this report at this time looks bad and it is a simple fact that the project was started five years ago and finished more than a year ago.

Larry



On Thu, Dec 14, 2017 at 11:59 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:

All,

At this afternoon's biweekly Water & Science meeting with the Deputy Secretary, I was told that they expected the release of the critical minerals report to take place next week along with White House releases.

I know you have heard this song before, so we'll see if this time's the charm. I did emphasize that it is very important, nay critical, that the report come out in 2017, and I was assured that even if the broader release fell through, we would be able to release the report before the end of the month.

Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](#) MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
[U.S. Geological Survey](#)  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)  
~~~~~

--

Thomas (Tom) C. Crafford  
USGS Mineral Resources Program Coordinator

U. S. Geological Survey  
913 National Center  
[12201 Sunrise Valley Dr.](#)  
[Reston, VA 20192 USA](#)

Phone: 703-648-6108  
Email: [tcrafford@usgs.gov](mailto:tcrafford@usgs.gov)

5/11/2018

DEPARTMENT OF THE INTERIOR Mail - Fwd: critical minerals release next week... maybe?



Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: critical minerals**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:45 PM

----- Forwarded message -----

From: **Andrea Travnicek** <[andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)>  
Date: Mon, Dec 11, 2017 at 7:42 AM  
Subject: Re: critical minerals  
To: "Hitzman, Murray" <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)>

Yes. Today actually

Sent from my iPhone

On Dec 11, 2017, at 5:36 AM, Hitzman, Murray <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)> wrote:

have been traveling and back in this morning. do you still need me to call?  
murray

On Sun, Dec 10, 2017 at 12:06 PM, Travnicek, Andrea <[andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)> wrote:  
Murray-

Tried to get a hold of you last week. Can you give me a call today or tomorrow? There are some questions on coordinating with NSTC. I want to insure we are doing that based on the last call we had a few weeks ago so we aren't holding anything up.

Please call my cell at your earliest convenience as I need to call OSTP back.

Thanks.  
Andrea  
Andrea Travnicek, Ph.D.  
Deputy Assistant Secretary for Water and Science  
Exercising the Authority of the Assistant Secretary for Water and Science  
Office of the Secretary  
U.S. Department of the Interior  
work: 202-208-0969  
cell: 202-897-7220

--

Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
[12201 Sunrise Valley Dr.](#), MS 102  
Reston, VA. 20192  
703-648-4576



Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: DOI info on critical minerals and NPRA assessment**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:37 PM

----- Forwarded message -----

From: **Hitzman, Murray** <mhitzman@usgs.gov>  
Date: Fri, Dec 15, 2017 at 3:43 PM  
Subject: Re: DOI info on critical minerals and NPRA assessment  
To: Walter Guidroz <wguidroz@usgs.gov>

how did it go with dave? what about grants they are going to get yelled at about?? you can call me at 202-706-2821

On Fri, Dec 15, 2017 at 2:53 PM, Walter Guidroz <wguidroz@usgs.gov> wrote:

Have made edits to Houseknecht's slides as we discussed. At 3:30 today I'll go to Applegate's office and Houseknecht will join in by phone to review the slide deck. When I talked to Applegate, he indicated that he doubted they'd even go over the slide deck on Monday; apparently they're going to get yelled at re: grants. You've also seen that the NPRA assessment release is now set for Friday (a joint release with BOEM). As I was scheduled to fly out on Friday, I'm OK with changing flights to a Saturday flight (assuming I can find one) but would USGS pick up the likely difference in airfare? Thanks...

Walter

**From:** Applegate, David [mailto:applegate@usgs.gov]  
**Sent:** Friday, December 15, 2017 2:43 PM  
**To:** A.B. Wade <abwade@usgs.gov>; Leslie W Jones <ljones@usgs.gov>; Murray Hitzman <mhitzman@usgs.gov>; Joanne Taylor <jctaylor@usgs.gov>; Judy Nowakowski <jnowakowski@usgs.gov>; Walter Guidroz <wguidroz@usgs.gov>; Sarah Ryker <sryker@usgs.gov>; David Diamond <dbdiamond@usgs.gov>; Thomas Crafford <tcrafford@usgs.gov>; David Houseknecht <dhouse@usgs.gov>; Lukas, William <wlukas@usgs.gov>; Betsy Hildebrandt <bhildebrandt@usgs.gov>; Catherine Puckett <catherine\_puckett@usgs.gov>  
**Cc:** William Werkheiser <whwerkhe@usgs.gov>  
**Subject:** DOI info on critical minerals and NPRA assessment

All,

Just got off the phone with Andrea Travnicek:

**Critical Minerals**

They still don't know if the President will sign EO on Tuesday but are working that issue. DOI Comms has asked if USGS would be ready to release the minerals report on Monday whether or not the

Since you've been waiting for a year, I went out on a limb and said yes. I let Andrea know that Murray would be in Ireland but that Larry was available.

### **NPRA Assessment**

Target release pushed back to Friday, Dec. 22nd

Bill W and I are to brief the Secretary at 10am on Monday (the Secretary is also going to raise a separate sensitive matter, so just Bill and I invited); they would, however, like to have Dave Houseknecht in the building and available should the Secretary pursue specific questions (Dave -- I'll figure out how close in the building you can be). We can use 3-4 page Powerpoint with disclaimer on the sheets if we like (sensitive, pre-release, not to be shared, etc.).

DOI wants a joint press release announcing both the USGS and BOEM assessments, so no separate USGS news release.

They want to be sure that libraries don't receive hard copies of the fact sheet ahead of the release.

More as I learn it...

Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards

Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](#) MS 111, Reston VA 20192

703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

--  
Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576





Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: DOI info on critical minerals and NPRA assessment**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:37 PM

----- Forwarded message -----

From: **Hitzman, Murray** <mhitzman@usgs.gov>

Date: Fri, Dec 15, 2017 at 3:49 PM

Subject: Re: DOI info on critical minerals and NPRA assessment

To: "Jones, Leslie" &lt;ljones@usgs.gov&gt;

Cc: "Applegate, David" &lt;applegate@usgs.gov&gt;, "A.B. Wade" &lt;abwade@usgs.gov&gt;, Joanne Taylor &lt;jctaylor@usgs.gov&gt;, Judy Nowakowski &lt;jnowakowski@usgs.gov&gt;, Walter Guidroz &lt;wguidroz@usgs.gov&gt;, Sarah Ryker &lt;sryker@usgs.gov&gt;, David Diamond &lt;dbdiamond@usgs.gov&gt;, Thomas Crafford &lt;tcrafford@usgs.gov&gt;, David Houseknecht &lt;dhouse@usgs.gov&gt;, "Lukas, William" &lt;wlukas@usgs.gov&gt;, Betsy Hildebrandt &lt;bhildebrandt@usgs.gov&gt;, Catherine Puckett &lt;catherine\_puckett@usgs.gov&gt;, William Werkheiser &lt;whwerkhe@usgs.gov&gt;

thanks Leslie

On Fri, Dec 15, 2017 at 2:58 PM, Jones, Leslie &lt;ljones@usgs.gov&gt; wrote:

We would need about 3 hours notice to get all the release dates changed and check 508, but we are otherwise ready to go with PP1802. Please include Reston PSC Chief Katharine Schindler ([kschindl@usgs.gov](mailto:kschindl@usgs.gov)) on any email that establishes a release time on Monday.

Thanks,

Leslie

On Fri, Dec 15, 2017 at 2:43 PM, Applegate, David &lt;applegate@usgs.gov&gt; wrote:

All,

Just got off the phone with Andrea Travnicek:

**Critical Minerals**

They still don't know if the President will sign EO on Tuesday but are working that issue. DOI Comms has asked if USGS would be ready to release the minerals report on Monday whether or not the

Since you've been waiting for a year, I went out on a limb and said yes. I let Andrea know that Murray would be in Ireland but that Larry was available.

**NPRA Assessment**

Target release pushed back to Friday, Dec. 22nd

Bill W and I are to brief the Secretary at 10am on Monday (the Secretary is also going to raise a separate sensitive matter, so just Bill and I invited); they would, however, like to have Dave Houseknecht in the building and available should the Secretary pursue specific questions (Dave -- I'll figure out how close in the building you can be). We can use 3-4 page Powerpoint with disclaimer on the sheets if we like (sensitive, pre-release, not to be shared, etc.).

DOI wants a joint press release announcing both the USGS and BOEM assessments, so no separate USGS news release.

They want to be sure that libraries don't receive hard copies of the fact sheet ahead of the release.

More as I learn it...

Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](#) MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)  
~~~~~

--

Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576



Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: Quick Call Today?**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:35 PM

----- Forwarded message -----

From: **Rigas, Laura** <laura\_rigas@ios.doi.gov>  
Date: Fri, Dec 15, 2017 at 5:06 PM  
Subject: Re: Quick Call Today?  
To: "Meinert, Lawrence" <lmeinert@usgs.gov>  
Cc: Anne-Berry Wade <abwade@usgs.gov>, "Travnicek, Andrea" <andrea\_travnicek@ios.doi.gov>, Heather Swift <heather\_swift@ios.doi.gov>, "Newell, Russell" <russell\_newell@ios.doi.gov>, "Hitzman, Murray" <mhitzman@usgs.gov>, William Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>, Leslie Jones <ljones@usgs.gov>

Many thanks, Larry and Murray. Will keep you posted on the schedule.  
My best,  
L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <lmeinert@usgs.gov> wrote:  
Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <laura\_rigas@ios.doi.gov> wrote:  
Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <lmeinert@usgs.gov> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <laura\_rigas@ios.doi.gov> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
*(202) 897-7022 cell*  
*@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)



Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: update on next week's release?**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:41 PM

----- Forwarded message -----

From: **Walter Guidroz** <wguidroz@usgs.gov>

Date: Thu, Dec 14, 2017 at 12:28 PM

Subject: RE: update on next week's release?

To: David Applegate &lt;applegate@usgs.gov&gt;, Murray Hitzman &lt;mhitzman@usgs.gov&gt;, David Diamond &lt;dbdiamond@usgs.gov&gt;

Dave, I tried calling you but couldn't reach you so I've included relevant talking points below. Please feel free to let me know if you need to discuss further; thanks...

- USGS is ready to release the results of the NPRA resource assessment. Fact sheets are being printed and are due to arrive here on Dec 19<sup>th</sup>. A draft of a press release is being circulated with our Office of Communications and should be ready to go.

- A meeting is set for Friday at DOI (Bill's been invited to attend) to determine the precise date and time of the release. Other attendees will be Kate MacGregor, Andrea Travnicek (by phone), Dave Houseknecht, Murray, Walter Cruikshank (BOEM), Jim Cason, David Bernhardt and Vincent DeVito, among others. Because the meeting is scheduled for 8n AM, I think it's likely that most attendees will simply dial in by phone rather than attend in person.

- Based on a meeting that Dave Houseknecht and I had with Andrea Travnicek last Friday, I believe the sequence on 'release day' will be to start with a DOI briefing (and possibly a Secretarial briefing immediately before; don't know the details on that or whether it's even been worked out – Andrea mentioned this in our meeting), followed by Congressional briefings and then a media event. Planning for those is underway.

- At this point I'm not sure if BOEM will be ready to go with a simultaneous release; I believe the issue of their readiness may be part of the rationale behind tomorrow morning's meeting. Our stance is that if BOEM isn't ready to go then we should still proceed with the USGS release, if anything because if there's any delay then it's just that much longer for our numbers are 'out there' and could become divulged before any formal release.

Hope this helps...

Walter

---

**From:** Applegate, David [mailto:applegate@usgs.gov]**Sent:** Thursday, December 14, 2017 12:12 PM**To:** Walter Guidroz <wguidroz@usgs.gov>; Murray Hitzman <mhitzman@usgs.gov>; David Diamond <dbdiamond@usgs.gov>**Subject:** update on next week's release?

Walter,



I hate to put anything else on your plate, but could we have a quick chat or just generate a quick email describing where things stand with next week's assessment release. I'm going for Bill W to a 4pm bi-weekly W&S tag-up meeting with the Deputy Secretary, and we have this on the agenda. This is the blurb from the Weekly Report, so anything you have beyond that:

On December 20 or 21, the USGS and BOEM will release a new assessment of undiscovered, technically recoverable oil and natural gas resources for the National Petroleum Reserve-Alaska and adjacent offshore waters. The updated assessment was completed under Secretarial Order 3352, "National Petroleum Reserve – Alaska", which directs the USGS to lead a multi-agency effort between USGS, BOEM and BLM to update current energy assessments for undiscovered,

technically recoverable oil and natural gas resources of Alaska's North Slope, focusing on Federal lands including the NPRA and Section 1002 Area. USGS, BOEM and the Department are coordinating on plans to announce this new assessment.

Thanks, Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards

Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](#) MS 111, Reston VA 20192

703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)



Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

---

**Fwd: Hitzman powerpoint for Tuesday**

1 message

---

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:36 PM

----- Forwarded message -----

From: **Hitzman, Murray** <mhitzman@usgs.gov>  
Date: Fri, Dec 15, 2017 at 4:38 PM  
Subject: Fwd: Hitzman powerpoint for Tuesday  
To: "Meinert, Lawrence" <lmeinert@usgs.gov>

----- Forwarded message -----

From: **Hitzman, Murray** <mhitzman@usgs.gov>  
Date: Fri, Nov 24, 2017 at 5:13 PM  
Subject: Hitzman powerpoint for Tuesday  
To: Catherine <cpuckett@usgs.gov>, "to: Laura Rigas" <laura\_rigas@ios.doi.gov>, "cc: Russell Johnson" <russell\_johnson@ios.doi.gov>, Heather Swift <heather\_swift@ios.doi.gov>, Judy Nowakowski <jnowakowski@usgs.gov>, William Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>, William Lukas <wlukas@usgs.gov>, Anne-Berry Wade <abwade@usgs.gov>, Betsy Hildebrandt <bhildebrandt@usgs.gov>, "Travnicek, Andrea" <andrea\_travnicek@ios.doi.gov>, "Demas, Alex" <apdemas@usgs.gov>

I have not heard back from USGS Comms on the proposed powerpoint on Prof Paper 1802 that I sent in this morning. I am copying it to you for feedback. Thanks.

--

Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576

--

Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576



**prof paper 1802 - hitzman presentation.pptx**  
10385K



Mengestu, Hirut &lt;hmengestu@usgs.gov&gt;

**Fwd: Invitation: Briefing with USGS @ Fri Dec 15, 2017 1pm - 1:30pm  
(mhitzman@usgs.gov)**

1 message

**Hitzman, Murray** <mhitzman@usgs.gov>  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

Fri, May 11, 2018 at 12:41 PM

----- Forwarded message -----

From: **Hitzman, Murray** <mhitzman@usgs.gov>  
Date: Wed, Dec 13, 2017 at 1:11 PM  
Subject: Fwd: Invitation: Briefing with USGS @ Fri Dec 15, 2017 1pm - 1:30pm (mhitzman@usgs.gov)  
To: "Mengestu, Hirut" <hmengestu@usgs.gov>

do we know what this is about??

----- Forwarded message -----

From: **David Bernhardt** <(b) (6)@ios.doi.gov>  
Date: Wed, Dec 13, 2017 at 12:31 PM  
Subject: Invitation: Briefing with USGS @ Fri Dec 15, 2017 1pm - 1:30pm (mhitzman@usgs.gov)  
To: mhitzman@usgs.gov, todd\_willens@ios.doi.gov, akinsinger@usgs.gov, wlukas@usgs.gov, casey\_stemler@fws.gov, andrea\_travnicek@ios.doi.gov  
Cc: kerry\_rae@ios.doi.gov, mrharris@usgs.gov, whwerkhe@usgs.gov, michelle\_brown@ios.doi.gov

**Briefing with USGS**[more details »](#)

When Fri Dec 15, 2017 1pm – 1:30pm Eastern Time

Where Room 6120 ([map](#))

Video call [https://plus.google.com/hangouts/\\_/doi.gov/\(b\) \(6\)](https://plus.google.com/hangouts/_/doi.gov/(b) (6))

Calendar [mhitzman@usgs.gov](#)

Who

- (b) (6)@ios.doi.gov - organizer
- [gareth\\_rees@ios.doi.gov](#) - creator
- [mhitzman@usgs.gov](#)
- [todd\\_willens@ios.doi.gov](#)
- [akinsinger@usgs.gov](#)
- [wlukas@usgs.gov](#)
- [casey\\_stemler@fws.gov](#)
- [andrea\\_travnicek@ios.doi.gov](#)
- [kerry\\_rae@ios.doi.gov](#) - optional
- [mrharris@usgs.gov](#) - optional
- [whwerkhe@usgs.gov](#) - optional
- [michelle\\_brown@ios.doi.gov](#) - optional

Going? **Yes** - **Maybe** - **No** [more options »](#)Invitation from [Google Calendar](#)

You are receiving this email at the account [mhitzman@usgs.gov](#) because you are subscribed for invitations on calendar [mhitzman@usgs.gov](#).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

5/11/2018

DEPARTMENT OF THE INTERIOR Mail - Fwd: Invitation: Briefing with USGS @ Fri Dec 15, 2017 1pm - 1:30pm (mhitzman@usgs.gov)

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

--

Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576

---

 **invite.ics**  
3K

## **Label: "FOIA 12-2018"**

**Created by: lmeinert@usgs.gov**

Total Messages in label: 70 (10 conversations)

Created: 05-04-2018 at 12:53 PM



## "Meinert, Lawrence" <lmeinert@usgs.gov>

---

**From:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
**Sent:** Mon Dec 18 2017 12:41:36 GMT-0700 (MST)  
**To:** Anne-Berry Wade <abwade@usgs.gov>, Judy Nowakowski <jnowakowski@usgs.gov>, David Applegate <applegate@usgs.gov>  
**CC:** "Hitzman, Murray" <mhitzman@usgs.gov>  
**Subject:** Fwd: Updated invitation: Prebrief Critical Minerals @ Mon Dec 18, 2017 5:15pm - 5:35pm (lmeinert@usgs.gov)  
**Attachments:** invite.ics

I don't know why I am the only USGS person getting these invites. I will go to DOI since I am downtown already. I don't expect anything different than what we have already discussed.

Larry

----- Forwarded message -----

From: **Leila Getto** <[leila\\_getto@ios.doi.gov](mailto:leila_getto@ios.doi.gov)>

Date: Mon, Dec 18, 2017 at 1:10 PM

Subject: Updated invitation: Prebrief Critical Minerals @ Mon Dec 18, 2017 5:15pm - 5:35pm ([lmeinert@usgs.gov](mailto:lmeinert@usgs.gov))

To: [lmeinert@usgs.gov](mailto:lmeinert@usgs.gov), [downey\\_magallanes@ios.doi.gov](mailto:downey_magallanes@ios.doi.gov), [andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov), [james\\_cason@ios.doi.gov](mailto:james_cason@ios.doi.gov), [todd\\_wynn@ios.doi.gov](mailto:todd_wynn@ios.doi.gov), [laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)

This event has been changed.

### Prebrief Critical Minerals

[more details »](#)

When **Changed:** Mon Dec 18, 2017 5:15pm – 5:35pm Eastern Time

Where Secretary's Conference Room ([map](#))

Calendar [lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)

Who

- [cdr06@ios.doi.gov](mailto:cdr06@ios.doi.gov) - organizer
- [leila\\_getto@ios.doi.gov](mailto:leila_getto@ios.doi.gov) - creator
- [downey\\_magallanes@ios.doi.gov](mailto:downey_magallanes@ios.doi.gov)
- [andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)
- [lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)
- [james\\_cason@ios.doi.gov](mailto:james_cason@ios.doi.gov)
- [todd\\_wynn@ios.doi.gov](mailto:todd_wynn@ios.doi.gov)
- [laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)

Going? [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this email at the account [lmeinert@usgs.gov](mailto:lmeinert@usgs.gov) because you are subscribed for updated invitations on calendar [lmeinert@usgs.gov](mailto:lmeinert@usgs.gov).

To stop receiving these emails, please log in to <https://www.google.com/calendar/> and change your notification settings for this calendar.

Forwarding this invitation could allow any recipient to modify your RSVP response. [Learn More](#).

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

# Conversation Contents

Fwd: Press Release - Critical Minerals

**"Wade, Anne-Berry" <abwade@usgs.gov>**

---

**From:** "Wade, Anne-Berry" <abwade@usgs.gov>  
**Sent:** Mon Dec 18 2017 10:15:14 GMT-0700 (MST)  
**To:** Lawrence Meinert <lmeinert@usgs.gov>, Murray Hitzman <mhitzman@usgs.gov>, Bill Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>  
**Subject:** Fwd: Press Release - Critical Minerals

here's the release that DOI plans to issue. I've pushed back already on the headline but it fell on deaf ears.

Larry, pls see highlighted question from Heather below...

A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk  
703-317-7871 mobile

----- Forwarded message -----

From: **Swift, Heather** <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>  
Date: Mon, Dec 18, 2017 at 12:02 PM  
Subject: Press Release - Critical Minerals  
To: "Wade, Anne-Berry" <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>, Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Below is the press release we intend to send some time after the briefing tomorrow.

\*In the event that it had to be moved to 9:30, would that be able to work for your team, AB?



OFFICE OF THE SECRETARY

**U.S. Department  
of the Interior**

[www.doi.gov](http://www.doi.gov)

**News Release**

Date: December 18, 2017

## **SHOCKING REPORT: U.S. RELIANT ON CHINA, RUSSIA, OTHER FOREIGN NATIONS FOR MANY CRITICAL MINERALS**

*U.S. 100 percent foreign-reliant*

*for 20 minerals, Rare Earth minerals produced almost exclusively in China*

**WASHINGTON** – Today, the U.S. Department of the Interior and the U.S. Geological Survey released a report that detailed the extent to which the United States is fully, majorly, or partially dependent upon foreign competitors and even adversaries for our supply of "critical minerals." The report identified 23 of the minerals that are most-needed to sustain our national defense and economy and are used in manufacturing everything from batteries and computer chips to equipment used by our military. The report shows a troubling trend of foreign dependency.

"I commend the team of scientists at USGS for the extensive work put into the report, but the findings are shocking," **said U.S. Secretary of the Interior Ryan Zinke**. "The fact that previous administrations allowed the United States to become reliant on foreign nations, including our competitors and adversaries, for minerals that are so strategically important to our security and economy is deeply troubling. As both a former military commander and geologist, I know the very real national security risk of relying on foreign nations for what the military needs to keep our soldiers and our homeland safe."

The report found the United States is most reliant on China for critical minerals with at least 20 critical minerals being sourced exclusively in China. Russia, South Africa, Brazil and Canada also supply many of our minerals.

The mineral commodities highlighted in this book have been called critical or strategic owing to concerns about risk of supply interruption and the cost of such a disruption. Such critical mineral commodities include rare-earth elements, used in high-end electronics, and platinum-group elements, used in catalytic converters and petroleum refining.

"The beauty of this report is that we can provide complete minerals information for the Nation," **said Klaus Schulz, an editor and author of the volume**. "The USGS combines short- and medium-term data on the current global supply of minerals with research on the long-term potential of these minerals through our mineral-resource assessments. Despite current supply concerns, one thing we shouldn't lose sight of is that we will also need mineral commodities far into the future. We wanted to identify future needs too, so we included information to help plan for the sustainable development of each of these minerals."

This report updates another USGS report from 1973, which was published when many of the commodities that are covered in this new volume were only of minor importance. Today, advanced technologies have increased the demand for and production of mineral commodities for nearly all elements in the periodic table.

For instance, in the 1970s, rare-earth elements had few uses outside of some specialty fields, and were produced mostly in the United States. Today, rare-earth elements are integral to nearly all high-end electronics and are produced almost entirely in China.

According to the recently released USGS Mineral Commodity Summaries 2017, the United States was 100 percent net import reliant on 20 mineral commodities in 2016, including manganese, niobium, tantalum and several of the other mineral commodities covered in the new volume.

This number has risen dramatically over the past 60 years. For example, in 1954 the United States was 100 percent import reliant for the supply of only eight nonfuel mineral commodities and by 1984 for 11 commodities.

Since 1973, there has also been a significant increase in knowledge about geologic and environmental issues related to production and use. This report addresses the sustainable development of each mineral commodity in order that the current needs of the Nation can be met without limiting the ability of future generations to meet their needs.

For each mineral commodity, the authors address how the commodity is used, the location of identified resources and their distribution nationally and globally, the state of current geologic knowledge, potential for finding additional deposits, and geoenvironmental issues that may be related to the production and uses of these mineral commodities.

The volume, USGS Professional Paper 1802, is entitled "Critical Mineral Resources in the United States—Economic and Environmental Geology and Prospects for Future Supply" [[LINK](#)]. The USGS also regularly produces mineral information products, such as the yearly Mineral Commodity Summaries, the Minerals Yearbook, and mineral-resource assessments.

For more information on this book and mineral-resource science, please visit the USGS Mineral Resources Program. To keep up to date on USGS mineral research, follow us on Twitter.

###

-  
Heather Swift  
Department of the Interior  
@DOIPressSec  
[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

---

**"Meinert, Lawrence" <lmeinert@usgs.gov>**

---

**From:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
**Sent:** Mon Dec 18 2017 10:26:42 GMT-0700 (MST)  
**To:** "Wade, Anne-Berry" <abwade@usgs.gov>  
**CC:** Murray Hitzman <mhitzman@usgs.gov>, Bill Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>  
**Subject:** Re: Press Release - Critical Minerals

Yes, I already replied to them that I can do the 9:30 am.

Larry

On Mon, Dec 18, 2017 at 12:15 PM, Wade, Anne-Berry <[abwade@usgs.gov](mailto:abwade@usgs.gov)> wrote:  
here's the release that DOI plans to issue. I've pushed back already on the headline but it fell on deaf ears.

Larry, pls see highlighted question from Heather below...

A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk  
703-317-7871 mobile

----- Forwarded message -----

From: **Swift, Heather** <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>  
Date: Mon, Dec 18, 2017 at 12:02 PM



Subject: Press Release - Critical Minerals

To: "Wade, Anne-Berry" <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>, Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Below is the press release we intend to send some time after the briefing tomorrow.

\*In the event that it had to be moved to 9:30, would that be able to work for your team, AB?



OFFICE OF THE SECRETARY

**U.S. Department  
of the Interior**

[www.doi.gov](http://www.doi.gov)

**News Release**

Date: December 18, 2017

Contact: [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

## **SHOCKING REPORT: U.S. RELIANT ON CHINA, RUSSIA, OTHER FOREIGN NATIONS FOR MANY CRITICAL MINERALS**

*U.S. 100 percent foreign-reliant*

*for 20 minerals, Rare Earth minerals produced almost exclusively in China*

**WASHINGTON** – Today, the U.S. Department of the Interior and the U.S. Geological Survey released a report that detailed the extent to which the United States is fully, majorly, or partially dependent upon foreign competitors and even adversaries for our supply of "critical minerals." The report identified 23 of the minerals that are most-needed to sustain our national defense and economy and are used in manufacturing everything from batteries and computer chips to equipment used by our military. The report shows a troubling trend of foreign dependency.

"I commend the team of scientists at USGS for the extensive work put into the report, but the findings are shocking," said **U.S. Secretary of the Interior Ryan Zinke**. "The fact that previous administrations allowed the United States to become reliant on foreign nations, including our competitors and adversaries, for minerals that are so strategically important to our security and economy is deeply troubling. As both a former military commander and geologist, I know the very real national security risk of relying on foreign nations for what the military needs to keep our soldiers and our homeland safe."

The report found the United States is most reliant on China for critical minerals with at least 20 critical minerals being sourced exclusively in China. Russia, South Africa, Brazil and Canada also supply many of our minerals.

The mineral commodities highlighted in this book have been called critical or strategic owing to concerns about risk of supply interruption and the cost of such a disruption. Such critical mineral commodities include rare-earth elements, used in high-end electronics, and platinum-group elements, used in catalytic converters and petroleum refining.

“The beauty of this report is that we can provide complete minerals information for the Nation,” **said Klaus Schulz, an editor and author of the volume.** “The USGS combines short- and medium-term data on the current global supply of minerals with research on the long-term potential of these minerals through our mineral-resource assessments. Despite current supply concerns, one thing we shouldn’t lose sight of is that we will also need mineral commodities far into the future. We wanted to identify future needs too, so we included information to help plan for the sustainable development of each of these minerals.”

This report updates another USGS report from 1973, which was published when many of the commodities that are covered in this new volume were only of minor importance. Today, advanced technologies have increased the demand for and production of mineral commodities for nearly all elements in the periodic table.

For instance, in the 1970s, rare-earth elements had few uses outside of some specialty fields, and were produced mostly in the United States. Today, rare-earth elements are integral to nearly all high-end electronics and are produced almost entirely in China.

According to the recently released USGS Mineral Commodity Summaries 2017, the United States was 100 percent net import reliant on 20 mineral commodities in 2016, including manganese, niobium, tantalum and several of the other mineral commodities covered in the new volume.

This number has risen dramatically over the past 60 years. For example, in 1954 the United States was 100 percent import reliant for the supply of only eight nonfuel mineral commodities and by 1984 for 11 commodities.

Since 1973, there has also been a significant increase in knowledge about geologic and environmental issues related to production and use. This report addresses the sustainable development of each mineral commodity in order that the current needs of the Nation can be met without limiting the ability of future generations to meet their needs.

For each mineral commodity, the authors address how the commodity is used, the location of identified resources and their distribution nationally and globally, the state of current geologic knowledge, potential for finding additional deposits, and geoenvironmental issues that may be related to the production and uses of these mineral commodities.

The volume, USGS Professional Paper 1802, is entitled “Critical Mineral Resources in the United States—Economic and Environmental Geology and Prospects for Future Supply” [[LINK](#)]. The USGS also regularly produces mineral information products, such as the yearly Mineral Commodity Summaries, the Minerals Yearbook, and mineral-resource assessments.

For more information on this book and mineral-resource science, please visit the USGS Mineral Resources Program. To keep up to date on USGS mineral research, follow us on Twitter.

###

-

Heather Swift

Department of the Interior

@DOIPressSec

[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

--

Larry Meinert

Acting Deputy Associate Director - Energy & Minerals

U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

## **Murray Hitzman <mhitzman@usgs.gov>**

---

**From:** Murray Hitzman <mhitzman@usgs.gov>  
**Sent:** Mon Dec 18 2017 11:09:47 GMT-0700 (MST)  
**To:** "Wade, Anne-Berry" <abwade@usgs.gov>  
**CC:** Lawrence Meinert <lmeinert@usgs.gov>, Bill Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>  
**Subject:** Re: Press Release - Critical Minerals

Thanks AB. Yes the headline does not fit the publication - but I assume more will look I up.

Sent from my iPhone

On Dec 18, 2017, at 12:15 PM, Wade, Anne-Berry <[abwade@usgs.gov](mailto:abwade@usgs.gov)> wrote:

here's the release that DOI plans to issue. I've pushed back already on the headline but it fell on deaf ears.

Larry, pls see highlighted question from Heather below...

A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk  
703-317-7871 mobile

----- Forwarded message -----

From: **Swift, Heather** <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>  
Date: Mon, Dec 18, 2017 at 12:02 PM  
Subject: Press Release - Critical Minerals  
To: "Wade, Anne-Berry" <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>, Catherine Puckett <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>

Below is the press release we intend to send some time after the briefing tomorrow.

\*In the event that it had to be moved to 9:30, would that be able to work for your team, AB?



OFFICE OF THE SECRETARY

**U.S. Department  
of the Interior**

[www.doi.gov](http://www.doi.gov)

## News Release

Date: December 18, 2017

Contact: [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

### **SHOCKING REPORT: U.S. RELIANT ON CHINA, RUSSIA, OTHER FOREIGN NATIONS FOR MANY CRITICAL MINERALS**

*U.S. 100 percent foreign-reliant*

*for 20 minerals, Rare Earth minerals produced almost exclusively in China*

**WASHINGTON** – Today, the U.S. Department of the Interior and the U.S. Geological Survey released a report that detailed the extent to which the United States is fully, majorly, or partially dependent upon foreign competitors and even adversaries for our supply of "critical minerals." The report identified 23 of the minerals that are most-needed to sustain our national defense and economy and are used in manufacturing everything from batteries and computer chips to equipment used by our military. The report shows a troubling trend of foreign dependency.

"I commend the team of scientists at USGS for the extensive work put into the report, but the findings are shocking," **said U.S. Secretary of the Interior Ryan Zinke**. "The fact that previous administrations allowed the United States to become reliant on foreign nations, including our competitors and adversaries, for minerals that are so strategically important to our security and economy is deeply troubling. As both a former military commander and geologist, I know the very real national security risk of relying on foreign nations for what the military needs to keep our soldiers and our homeland safe."

The report found the United States is most reliant on China for critical minerals with at least 20 critical minerals being sourced exclusively in China. Russia, South Africa, Brazil and Canada also supply many of our minerals.

The mineral commodities highlighted in this book have been called critical or strategic owing to concerns about risk of supply interruption and the cost of such a disruption. Such critical mineral commodities include rare-earth elements, used in high-end electronics, and platinum-group elements, used in catalytic converters and petroleum refining.

"The beauty of this report is that we can provide complete minerals information for the Nation," **said Klaus Schulz, an editor and author of the volume**. "The USGS combines short- and medium-term data on the current global supply of minerals with research on the long-term potential of these minerals through our mineral-resource assessments. Despite current supply concerns, one thing we shouldn't lose sight of is that we will also need mineral commodities far into the future. We wanted to identify future needs too, so we included information to help plan for the sustainable development of each of these minerals."

This report updates another USGS report from 1973, which was published when many of the

commodities that are covered in this new volume were only of minor importance. Today, advanced technologies have increased the demand for and production of mineral commodities for nearly all elements in the periodic table.

For instance, in the 1970s, rare-earth elements had few uses outside of some specialty fields, and were produced mostly in the United States. Today, rare-earth elements are integral to nearly all high-end electronics and are produced almost entirely in China.

According to the recently released USGS Mineral Commodity Summaries 2017, the United States was 100 percent net import reliant on 20 mineral commodities in 2016, including manganese, niobium, tantalum and several of the other mineral commodities covered in the new volume.

This number has risen dramatically over the past 60 years. For example, in 1954 the United States was 100 percent import reliant for the supply of only eight nonfuel mineral commodities and by 1984 for 11 commodities.

Since 1973, there has also been a significant increase in knowledge about geologic and environmental issues related to production and use. This report addresses the sustainable development of each mineral commodity in order that the current needs of the Nation can be met without limiting the ability of future generations to meet their needs.

For each mineral commodity, the authors address how the commodity is used, the location of identified resources and their distribution nationally and globally, the state of current geologic knowledge, potential for finding additional deposits, and geoenvironmental issues that may be related to the production and uses of these mineral commodities.

The volume, USGS Professional Paper 1802, is entitled “Critical Mineral Resources in the United States—Economic and Environmental Geology and Prospects for Future Supply” [[LINK](#)]. The USGS also regularly produces mineral information products, such as the yearly Mineral Commodity Summaries, the Minerals Yearbook, and mineral-resource assessments.

For more information on this book and mineral-resource science, please visit the USGS Mineral Resources Program. To keep up to date on USGS mineral research, follow us on Twitter.

###

-

Heather Swift

Department of the Interior

@DOIPressSec

[Heather\\_Swift@ios.doi.gov](mailto:Heather_Swift@ios.doi.gov) | [Interior\\_Press@ios.doi.gov](mailto:Interior_Press@ios.doi.gov)

## Conversation Contents

Fwd: Critical Minerals Coverage

Anne-Berry Wade <abwade@usgs.gov>

---

**From:** Anne-Berry Wade <abwade@usgs.gov>  
**Sent:** Tue Dec 19 2017 11:13:01 GMT-0700 (MST)  
**To:** Alex Demas <apdemas@usgs.gov>, Andrea Travnicek <andrea\_travnicek@ios.doi.gov>, Bill Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>, Lawrence Meinert <lmeinert@usgs.gov>, Murray Hitzman <mhitzman@usgs.gov>, Thomas Crafford <tcrafford@usgs.gov>  
**Subject:** Fwd: Critical Minerals Coverage

----- Forwarded message -----

From: Hinson, Alex <[alex\\_hinson@ios.doi.gov](mailto:alex_hinson@ios.doi.gov)>  
Date: Tue, Dec 19, 2017 at 1:08 PM  
Subject: Critical Minerals Coverage  
To: Wade, Anne-Berry <[abwade@usgs.gov](mailto:abwade@usgs.gov)>

[Seattle Times \(AP\): Interior Dept. says US relies on China for critical minerals](#)

Matthew Daly  
December 19, 2017

**WASHINGTON (AP)** — The Interior Department says in a new report that the United States is reliant on China and other nations for the overwhelming majority of critical minerals used by the military and for manufacturing everything from smartphones to wind turbines and cars.

The report released Tuesday by the U.S. Geological Survey says the U.S. relies on foreign sources for a majority of all but two of the 23 minerals identified as critical. The minerals are produced in China, Russia, South Africa, Brazil and other countries.

Interior Secretary Ryan Zinke called the report troubling and said the reliance of imported minerals, especially by the military, poses a “very real national security risk.”

Zinke urged increased U.S. production of platinum, manganese and other critical minerals, especially on federal lands.

###

[Reuters: U.S. sees foreign reliance for 'critical' minerals as security concern](#)

Valerie Volcovici  
December 19, 2017

**WASHINGTON (Reuters)** - The United States needs to encourage domestic production of a handful of minerals critical for the technology and defense industries, and stem reliance on China, U.S. Interior Secretary Ryan Zinke said on Tuesday.

Zinke made the remarks at the Interior Department as he unveiled a report by the U.S. Geological Survey (USGS), which detailed the extent to which the United States is dependent upon foreign competitors for its supply of certain minerals.

The report identified 23 out of 88 minerals that are priorities for U.S. national defense and the economy because they are components in products ranging from batteries to military equipment.

The report found that the United States was 100 percent net import reliant on 20 mineral commodities in 2016, including manganese, niobium, tantalum and others. In 1954, the U.S. was 100 percent import reliant for the supply of just eight nonfuel mineral commodities.

“We have the minerals here and likely we have enough to provide our needs and be a world trader in them, but we have to go forward and identify where they are at,” Zinke told reporters at an Interior Department briefing.

He also blamed previous administrations for allowing foreign competitors like China to dominate mineral production for minerals, such as rare earth elements, used in smart phones, computers and military equipment.

Zinke said the report is likely to shape Interior Department policy-making in 2018, as the agency looks to carry out its “Energy Dominance” strategy, expanding mining and resource extraction on federal lands.

The survey is the first update of a 1973 USGS report that catalogued the production of minerals worldwide. The update was started under the Obama administration in 2013.

Many of the commodities that are covered in the new volume were of minor importance when the original survey was done, since it pre-dated the global electronics boom.

The USGS and Interior Department said the report is meant to be used by national security experts, economists, private companies, the World Bank and resource managers.

It does not offer policy recommendations, but Zinke will rely on the findings as he prioritizes research into certain mineral deposit areas on federal land and plans policies to promote mining.

“We do expect that to lead to policy changes. The USGS is not involved in policy, but I suspect you will see some policy changes,” said Larry Meinert, lead author of the report.

*Reporting by Valerie Volcovici; editing by Richard Valdmanis and G Crosse*

###

--  
Alex Hinson

Deputy Press Secretary  
Department of the Interior

--  
A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk

**"Meinert, Lawrence" <lmeinert@usgs.gov>**

---

**From:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
**Sent:** Tue Dec 19 2017 11:31:48 GMT-0700 (MST)  
**To:** Anne-Berry Wade <abwade@usgs.gov>  
**CC:** Alex Demas <apdemas@usgs.gov>, Andrea Travnicek <andrea\_travnicek@ios.doi.gov>, Bill Werkheiser <whwerkhe@usgs.gov>, David Applegate <applegate@usgs.gov>, Murray Hitzman <mhitzman@usgs.gov>, Thomas Crafford <tcrafford@usgs.gov>  
**BCC:** Murray Hitzman <mhitzman@mines.edu>  
**Subject:** Re: Critical Minerals Coverage

Nice coverage. The quote attribution in the last sentence is not quite right. The quote is from me but I was not an author of this report. I simply had the honor of presenting it with the Secretary.

Larry

On Tue, Dec 19, 2017 at 1:13 PM, Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)> wrote:

----- Forwarded message -----

From: Hinson, Alex <[alex\\_hinson@ios.doi.gov](mailto:alex_hinson@ios.doi.gov)>  
Date: Tue, Dec 19, 2017 at 1:08 PM  
Subject: Critical Minerals Coverage  
To: Wade, Anne-Berry <[abwade@usgs.gov](mailto:abwade@usgs.gov)>

**Seattle Times (AP): Interior Dept. says US relies on China for critical minerals**  
**Matthew Daly**  
**December 19, 2017**

**WASHINGTON (AP)** — The Interior Department says in a new report that the United States is reliant on China and other nations for the overwhelming majority of critical minerals used by the military and for manufacturing everything from smartphones to wind turbines and cars.

The report released Tuesday by the U.S. Geological Survey says the U.S. relies on foreign sources for a majority of all but two of the 23 minerals identified as critical. The minerals are produced in China, Russia, South Africa, Brazil and other countries.

Interior Secretary Ryan Zinke called the report troubling and said the reliance of imported minerals, especially by the military, poses a "very real national security risk."

Zinke urged increased U.S. production of platinum, manganese and other critical minerals, especially on federal lands.

###

**Reuters: U.S. sees foreign reliance for 'critical' minerals as security concern**  
**Valerie Volcovici**  
**December 19, 2017**

**WASHINGTON (Reuters)** - The United States needs to encourage domestic production of a handful of minerals critical for the technology and defense industries, and stem reliance on China, U.S. Interior Secretary Ryan Zinke said on Tuesday.

Zinke made the remarks at the Interior Department as he unveiled a report by the U.S. Geological Survey (USGS), which detailed the extent to which the United States is dependent upon foreign competitors for its supply of certain minerals.

The report identified 23 out of 88 minerals that are priorities for U.S. national defense and the economy because they are components in products ranging from batteries to military equipment.

The report found that the United States was 100 percent net import reliant on 20 mineral commodities in 2016, including manganese, niobium, tantalum and others. In 1954, the U.S. was 100 percent import reliant for the supply of just eight nonfuel mineral commodities.

"We have the minerals here and likely we have enough to provide our needs and be a world trader in them, but we have to go forward and identify where they are at," Zinke told reporters at an Interior Department briefing.

He also blamed previous administrations for allowing foreign competitors like China to dominate mineral production for minerals, such as rare earth elements, used in smart phones, computers and military equipment.

Zinke said the report is likely to shape Interior Department policy-making in 2018, as the agency looks to carry out its "Energy Dominance" strategy, expanding mining and resource extraction on federal lands.

The survey is the first update of a 1973 USGS report that catalogued the production of minerals worldwide. The update was started under the Obama administration in 2013.

Many of the commodities that are covered in the new volume were of minor importance when the original survey was done, since it pre-dated the global electronics boom.

The USGS and Interior Department said the report is meant to be used by national security experts, economists, private companies, the World Bank and resource managers.

It does not offer policy recommendations, but Zinke will rely on the findings as he prioritizes research into certain mineral deposit areas on federal land and plans policies to promote mining.

"We do expect that to lead to policy changes. The USGS is not involved in policy, but I suspect you will see some policy changes," said Larry Meinert, lead author of the report.

*Reporting by Valerie Volcovici; editing by Richard Valdmanis and G Crosse*

###

--  
Alex Hinson

Deputy Press Secretary  
Department of the Interior

--



A.B. Wade  
USGS Press Officer  
703-648-4483 desk  
703-317-7871 mobile

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

## Microsoft Outlook <MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@doi.net>

**From:** Microsoft Outlook <MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@doi.net>  
**Sent:** Tue Dec 19 2017 11:32:33 GMT-0700 (MST)  
**To:** <lmeinert@usgs.gov>  
**Subject:** Undeliverable: Re: Critical Minerals Coverage

### Delivery has failed to these recipients or groups:

[Murray Hitzman \(mhitzman@usgs.gov\)](mailto:Murray.Hitzman@mhitzman@usgs.gov)

The e-mail address you entered couldn't be found. Please check the recipient's e-mail address and try to resend the message. If the problem continues, please contact your helpdesk.

### Diagnostic information for administrators:

Generating server: IINRESEX01.doi.net

<p>mhitzman@usgs.gov  
#550 5.1.1 RESOLVER.ADR.RecipNotFound; not found ##

### Original message headers:

Received: from gsmtpp6.doi.gov (10.10.28.16) by iinresex01.doi.net  
(10.85.57.134) with Microsoft SMTP Server (TLS) id 14.3.361.1; Tue, 19 Dec  
2017 13:32:33 -0500  
Received: from mail-ot0-f197.google.com (74.125.82.197) by gsmtpp6.doi.gov  
(137.227.28.16) with Microsoft SMTP Server (TLS) id 14.3.361.1; Tue, 19 Dec  
2017 13:32:29 -0500  
Received: by mail-ot0-f197.google.com with SMTP id 68so7593587otj.23  
for <mhitzman@usgs.gov>; Tue, 19 Dec 2017 10:32:32 -0800 (PST)  
X-Gm-Message-State: AKGB3mKQtIicw6maepEPlU/JTIn70lsGyOZjCTL6FWCkZdzVdsVGAUIH  
N7wsH7fCYZk6ukm+qhmkgVWq4o8rgFEw8TguV93pG4nSE5Geanc++75A2TW788dwIALeAbTHgJq  
6lDrFQ5ppdEGhyjFoJQiAWIjdsYsnC+rGt2zJuFjPjEziOey+DlHxGcVZND0ltDnw3Sv/NBg0ksf  
fiMeZmzRLvhtBTQvOrwEXTp84iSlWMN4WPpx6i8eCXGelGfKXDsXMrDpleGrAce2WNe47CJkjqoo  
qvl+Gm8dAsGnbaxCo/U0SCqPex/3QhGPys0nxe+x7ZUYMUS972EgTt+C3cw8eIqbm6cX/mxtr9V  
d/7VAO8lKuzBf6umic7L8qi/8Kcfkr9YnkIt2TNuEn4gH0i/jRz1BjsnJfDqSR/s8npNEXnjvxxh  
Us104CkOEYhTNS/6TWznIVLFu6A0Zxaw8QZhnccptm04EdZ+ap+E3KYsZ/jvwL04/FelYrFicv3I  
v19VsrU9DCQ7Gg1iXY1qqrGMmqwiKYxgJ008TUU4LKVxBcIU/gE1/UPuD/yKQiJqlD0vFoaQIEz  
Z36f5Tnu75fftmiRkWdvdULZxYk6h4Cc+DT7Qq3ClHmXoK00LzS+GzCSr5gAdaUr6eQPHcG3pL  
KLxi9LNMw0lu9F3GPTnVP4+UjGecZc2AM21RzhlmchxUs2B5iaMzUVwXpHJ0BL8YxUiF3qAs0Cl  
kUPzPwLHaSdjfgojdV+oxmoqum09MXLUdIq4gKaXuokCLYgAV/mAg+LnOGS7loJvnlJSWgzcQlP  
Zef3hm0AzjlvCz6ArkhKrn4bElDyohWS2dsB4P3IltChmNPk4PvHk0r6+3VclIDNVkHkgfBkLwmt  
jZuS4DiP7BeJOf+DlaZS6UEKNuvOxNg+De+4MPfLhagMuo=  
X-Received: by 10.202.73.143 with SMTP id w137mr2838116oia.358.1513708351774;  
Tue, 19 Dec 2017 10:32:31 -0800 (PST)  
X-Google-Smtp-Source: ACJfBosCnQyXQETUNbG1vgb9xxFTNV0raV+UXaXcnuyjVvwjxAUisJtdhT9viEbShG3R4hvgauxx  
X-Received: by 10.202.73.143 with SMTP id w137mr2838101oia.358.1513708351345;  
Tue, 19 Dec 2017 10:32:31 -0800 (PST)  
ARC-Seal: i=1; a=rsa-sha256; t=1513708351; cv=none;  
d=google.com; s=arc-20160816;  
b=qrgYdvD6IGnoKUFgvqt8eaxTxfnaFns68v1IlgXD2JqZOXmNWxEPBNFZpG7Wte/vlk  
8fqttyAftA44Y8xQxxoNU8iBcX77ViftHNHD0mQmdd7bTKx3Fj346sBGH1LcW8dqAG8r  
BbNnit3/03NgAZxlXmn3hHiBvV9OCM3O8bt8Nc-jpK02p2j2VgeBISlxRNKj+hlDR+IGy8  
q5N58vn5oe+ruDhhtjppqablFsBbwHgGakfE36K5hmDxZEGeCkiYNs5dlsFPhwHdqQ5G2  
CcIw5mQyZfo24re6tOKLGF8VBWtd2+Fj8vkiA0EIm7e/YMtbWB6jwqkn7a0Gs8hC0UF  
8tLw==  
ARC-Message-Signature: i=1; a=rsa-sha256; c=relaxed/relaxed; d=google.com; s=arc-20160816;  
h=cc:to:subject:message-id:date:from:references:in-reply-to  
:mime-version:arc-authentication-results;  
bh=5AnyYhU0C06PLp0GN943ccP9Ubh01LkoWu/v2ctu33o=;  
b=fTiP554wYtsMjKfNgWEEbrRTBjKrnMlr2cQT8fDjAbm5CCTE+mcjbpPqhza/CkMjEm  
wubcGwt+jFQcVUZJ5bcCH1LeXgp98aA8SAbii/A0d9vTcEoFmCoJDCv1aH4+O2kERXVU  
jRIhse7qhG0mXihezUQZDXfaI0jjkauFJLCrDjEcqW6ljf43zOztJiJnwHPS2nFPGrgh  
iCwnAiQcdWOHGC MJ33Z62Q148Fyuz3MwmOzn2kxsLeA+09OW7FjjRdgbU54fG67IrHxz  
2YZIiYgbSehZ8A2T0gdd8nq37UTkZVKhunNWGMG3YICQoTYJb5ymCh02gRQS03qi5jI  
A68Q==  
ARC-Authentication-Results: i=1; mx.google.com;  
spf=pass (google.com: domain of lmeinert@usgs.gov designates 209.85.218.69 as permitted sender) smtp.mailfrom=lmeinert@usgs.gov  
dmarc=pass (p=NONE sp=NONE dis=NONE) header.from=usgs.gov  
Return-Path: <lmeinert@usgs.gov>  
Received: from mail-oio-f69.google.com (mail-oio-f69.google.com.  
[209.85.218.69]) by mx.google.com with ESMTPS id

d14si4594666oib.11.2017.12.19.10.32.31 for <mhitzman@usgs.gov>  
(version=TLS1\_2 cipher=ECDHE-RSA-AES128-GCM-SHA256 bits=128/128);  
Tue, 19 Dec 2017 10:32:31 -0800 (PST)  
Received-SPF: pass (google.com: domain of lmeinert@usgs.gov designates 209.85.218.69 as permitted sender) client-ip=209.85.218.69;  
Authentication-Results: mx.google.com;  
spf=pass (google.com: domain of lmeinert@usgs.gov designates 209.85.218.69 as permitted sender) smtp.mailfrom=lmeinert@usgs.gov  
dmarc=pass (p=NONE sp=NONE dis=NONE) header.from=usgs.gov  
Received: by mail-oi0-f69.google.com with SMTP id w70so8605759oie.15  
for <mhitzman@usgs.gov>; Tue, 19 Dec 2017 10:32:31 -0800 (PST)  
X-Received: by 10.157.24.77 with SMTP id t13mr3159126ott.95.1513708350160;  
Tue, 19 Dec 2017 10:32:30 -0800 (PST)  
X-Received: by 10.157.24.77 with SMTP id t13mr3159074ott.95.1513708348954;  
Tue, 19 Dec 2017 10:32:28 -0800 (PST)  
MIME-Version: 1.0  
Received: by 10.202.4.22 with HTTP; Tue, 19 Dec 2017 10:31:48 -0800 (PST)  
In-Reply-To: <CAPa2jif2PaK01BndNGo5RFXKcXqpBXQUHJidt87oeA-6RTYduQ@mail.gmail.com>  
References: <CAGPjrqL7kPT-NO=Uu0ZA8Jx7-omsRn3t6X+\_wgaYn05aRx45ng@mail.gmail.com>  
<CAPa2jif2PaK01BndNGo5RFXKcXqpBXQUHJidt87oeA-6RTYduQ@mail.gmail.com>  
From: "Meinert, Lawrence" <lmeinert@usgs.gov>  
Date: Tue, 19 Dec 2017 13:31:48 -0500  
Message-ID: <CAMos4u2XGFuu\_s7N3-aHPny=YG3J70g4Zzii7uXS=cMWOJrNVg@mail.gmail.com>  
Subject: Re: Critical Minerals Coverage  
To: Anne-Berry Wade <abwade@usgs.gov>  
CC: Alex Demas <apdemas@usgs.gov>, Andrea Travnicek  
<andrea\_travnicek@ios.doi.gov>, Bill Werkheiser <whwerkhe@usgs.gov>, "David  
Applegate" <aplegate@usgs.gov>, Murray Hitzman <mhitzman@usgs.gov>, "Thomas  
Crafford" <tcrafford@usgs.gov>  
Content-Type: multipart/alternative; boundary="001a1135140470a7a10560b5b088"  
X-FailoverRoute: 1  
X-Gm-Spam: 0  
X-Gm-Phishy: 0

Nice coverage. The quote attribution in the last sentence is not quite right. The quote is from me but I was not an author of this report. I simply had the honor of presenting it with the Secretary.

Larry

On Tue, Dec 19, 2017 at 1:13 PM, Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)> wrote:

----- Forwarded message -----

From: Hinson, Alex <[alex\\_hinson@ios.doi.gov](mailto:alex_hinson@ios.doi.gov)>  
Date: Tue, Dec 19, 2017 at 1:08 PM  
Subject: Critical Minerals Coverage  
To: Wade, Anne-Berry <[abwade@usgs.gov](mailto:abwade@usgs.gov)>

[Seattle Times \(AP\): Interior Dept. says US relies on China for critical minerals](#)

Matthew Daly  
December 19, 2017

**WASHINGTON (AP)** — The Interior Department says in a new report that the United States is reliant on China and other nations for the overwhelming majority of critical minerals used by the military and for manufacturing everything from smartphones to wind turbines and cars.

The report released Tuesday by the U.S. Geological Survey says the U.S. relies on foreign sources for a majority of all but two of the 23 minerals identified as critical. The minerals are produced in China, Russia, South Africa, Brazil and other countries.

Interior Secretary Ryan Zinke called the report troubling and said the reliance of imported minerals, especially by the military, poses a "very real national security risk."

Zinke urged increased U.S. production of platinum, manganese and other critical minerals, especially on federal lands.

###

[Reuters: U.S. sees foreign reliance for 'critical' minerals as security concern](#)

Valerie Volcovi  
December 19, 2017

**WASHINGTON (Reuters)** - The United States needs to encourage domestic production of a handful of minerals critical for the technology and defense industries, and stem reliance on China, U.S. Interior Secretary Ryan Zinke said on Tuesday.

Zinke made the remarks at the Interior Department as he unveiled a report by the U.S. Geological Survey (USGS), which detailed the extent to which the United States is dependent upon foreign competitors for its supply of certain minerals.

The report identified 23 out of 88 minerals that are priorities for U.S. national defense and the economy because they are components in products ranging from batteries to military equipment.

The report found that the United States was 100 percent net import reliant on 20 mineral commodities in 2016, including manganese, niobium, tantalum and others. In 1954, the U.S. was 100 percent import reliant for the supply of just eight nonfuel mineral commodities.

"We have the minerals here and likely we have enough to provide our needs and be a world trader in them, but we have to go forward and identify where they are at," Zinke told reporters at an Interior Department briefing.

He also blamed previous administrations for allowing foreign competitors like China to dominate mineral production for minerals, such as rare earth elements, used in smart phones, computers and military equipment.

Zinke said the report is likely to shape Interior Department policy-making in 2018, as the agency looks to carry out its "Energy Dominance" strategy, expanding mining and resource extraction on federal lands.

The survey is the first update of a 1973 USGS report that catalogued the production of minerals worldwide. The update was started under the Obama administration in 2013.

Many of the commodities that are covered in the new volume were of minor importance when the original survey was done, since it pre-dated the global electronics boom.

The USGS and Interior Department said the report is meant to be used by national security experts, economists, private companies, the World Bank and resource managers.

It does not offer policy recommendations, but Zinke will rely on the findings as he prioritizes research into certain mineral deposit areas on federal land and plans policies to promote mining.

"We do expect that to lead to policy changes. The USGS is not involved in policy, but I suspect you will see some policy changes," said Larry Meinert, lead author of the report.

*Reporting by Valerie Volcovi; editing by Richard Valdmanis and G Crosse*

###

--

Alex Hinson

Deputy Press Secretary  
Department of the Interior

--

A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk  
703-317-7871 mobile

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

# Conversation Contents

Quick Call Today?

**Attachments:**

/6. Quick Call Today?/5.1 Critical Minerals of the United States Q&As.docx  
/6. Quick Call Today?/5.2 prof paper 1802 - Meinert presentation.pptx

**"Rigas, Laura" <laura\_rigas@ios.doi.gov>**

---

**From:** "Rigas, Laura" <laura\_rigas@ios.doi.gov>  
**Sent:** Fri Dec 15 2017 13:45:26 GMT-0700 (MST)  
**To:** Lawrence Meinert <lmeinert@usgs.gov>  
Anne-Berry Wade <abwade@usgs.gov>, "Travnicek, Andrea" <andrea\_travnicek@ios.doi.gov>, Heather Swift <heather\_swift@ios.doi.gov>, "Newell, Russell" <russell\_newell@ios.doi.gov>  
**CC:**  
**Subject:** Quick Call Today?

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

**"Meinert, Lawrence" <lmeinert@usgs.gov>**

---

**From:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
**Sent:** Fri Dec 15 2017 13:57:53 GMT-0700 (MST)  
**To:** "Rigas, Laura" <laura\_rigas@ios.doi.gov>  
Anne-Berry Wade <abwade@usgs.gov>, "Travnicek, Andrea" <andrea\_travnicek@ios.doi.gov>, Heather Swift <heather\_swift@ios.doi.gov>, "Newell, Russell" <russell\_newell@ios.doi.gov>, "Hitzman, Murray" <mhitzman@usgs.gov>  
**CC:**  
**Subject:** Re: Quick Call Today?

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
*(202) 897-7022 cell*  
*@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)

## **"Rigas, Laura" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>**

---

**From:** "Rigas, Laura" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Sent:** Fri Dec 15 2017 14:03:52 GMT-0700 (MST)  
**To:** "Meinert, Lawrence" <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>  
Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, "Travnicek, Andrea" <[andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)>, Heather Swift <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>, "Newell, Russell" <[russell\\_newell@ios.doi.gov](mailto:russell_newell@ios.doi.gov)>, "Hitzman, Murray" <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)>  
**CC:**  
**Subject:** Re: Quick Call Today?

Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
*(202) 897-7022 cell*  
*@Interior*

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-office/12201-sunrise-valley-dr), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

---

**"Meinert, Lawrence" <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>**

**From:** "Meinert, Lawrence" <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>  
**Sent:** Fri Dec 15 2017 14:17:05 GMT-0700 (MST)  
**To:** "Rigas, Laura" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, "Travnicek, Andrea" <[andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)>, Heather Swift <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>, "Newell, Russell" <[russell\\_newell@ios.doi.gov](mailto:russell_newell@ios.doi.gov)>, "Hitzman, Murray" <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)>  
**CC:**  
**Subject:** Re: Quick Call Today?

I will call you at 4:35.

Larry

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-office), MS 913  
Reston, VA 20192  
703-648-6100  
[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)

---

## "Meinert, Lawrence" <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>

**From:** "Meinert, Lawrence" <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>  
**Sent:** Fri Dec 15 2017 15:02:00 GMT-0700 (MST)  
**To:** "Rigas, Laura" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, "Travnicek, Andrea" <[andrea\\_travnicek@ios.doi.gov](mailto:andrea_travnicek@ios.doi.gov)>, Heather Swift <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>, "Newell, Russell" <[russell\\_newell@ios.doi.gov](mailto:russell_newell@ios.doi.gov)>, "Hitzman, Murray" <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)>, William Werkheiser <[whwerkhe@usgs.gov](mailto:whwerkhe@usgs.gov)>, David Applegate <[applegate@usgs.gov](mailto:applegate@usgs.gov)>, Leslie Jones <[ljones@usgs.gov](mailto:ljones@usgs.gov)>  
**CC:**  
**Subject:** Re: Quick Call Today?

**Attachments:**

Critical Minerals of the United States Q&As.docx prof paper 1802 -  
Meinert presentation.pptx

Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
*(202) 897-7022 cell*  
*@Interior*

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
*(202) 897-7022 cell*  
*@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/northeast/12201-sunrise-valley-dr), MS 913  
Reston, VA 20192  
703-648-6100  
[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)



--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

## "Rigas, Laura" <laura\_rigas@ios.doi.gov>

---

**From:** "Rigas, Laura" <laura\_rigas@ios.doi.gov>  
**Sent:** Fri Dec 15 2017 15:06:45 GMT-0700 (MST)  
**To:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
Anne-Berry Wade <abwade@usgs.gov>, "Travnicek, Andrea"  
<andrea\_travnicek@ios.doi.gov>, Heather Swift  
<heather\_swift@ios.doi.gov>, "Newell, Russell"  
**CC:** <russell\_newell@ios.doi.gov>, "Hitzman, Murray"  
<mhitzman@usgs.gov>, William Werkheiser  
<whwerkhe@usgs.gov>, David Applegate  
<applegate@usgs.gov>, Leslie Jones <ljones@usgs.gov>  
**Subject:** Re: Quick Call Today?

Many thanks, Larry and Murray. Will keep you posted on the schedule.  
My best,  
L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*

*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-office/12201-sunrise-valley-dr-va-20192), MS 913  
Reston, VA 20192  
703-648-6100  
[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)

---

**Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>**

**From:** Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>  
**Sent:** Mon Dec 18 2017 08:38:36 GMT-0700 (MST)  
**To:** "Rigas, Laura" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Subject:** Re: Quick Call Today?

Laura,

Any information on 1802? I called your cell but no answer and no voice mail.

Larry

---

On: 15 December 2017 17:06, "Rigas, Laura" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Many thanks, Larry and Murray. Will keep you posted on the schedule.  
My best,  
L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
*(202) 897-7022 cell*  
*@Interior*

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
*(202) 897-7022 cell*  
*@Interior*

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Hi Larry --  
Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.  
Many thanks,  
L

*Laura Keehner Rigas*  
*Communications Director*

*U.S. Department of the Interior*  
*(202) 897-7022 cell*  
*@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

---

**"Jones, Leslie" <ljones@usgs.gov>**

**From:** "Jones, Leslie" <ljones@usgs.gov>  
**Sent:** Mon Dec 18 2017 08:56:04 GMT-0700 (MST)  
**To:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
**Subject:** Re: Quick Call Today?

Hi Larry,

Any word on the time/date of the rollout? SPN needs 3 hours advance notice to get it ready to post. Also, I have the printed copy that Murray requested for the rollout itself. I can bring that over to you, let me know...

Leslie

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Hi Larry --  
Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.  
Many thanks,  
L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-office), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)  
~~~~~

---

**Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>**

---

**From:** Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>  
**Sent:** Mon Dec 18 2017 09:06:01 GMT-0700 (MST)  
**To:** "Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)>  
**Subject:** Re: Quick Call Today?

Not today. Tentatively tomorrow at noon. I am in dc today and tomorrow. Need to find a way to get the book to me or DOI.

Larry

---

On: 18 December 2017 10:56, "Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)> wrote:  
Hi Larry,

Any word on the time/date of the rollout? SPN needs 3 hours advance notice to get it ready to post. Also, I have the printed copy that Murray requested for the rollout itself. I can bring that over to you, let me know...

Leslie

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas  
Communications Director*

*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-center), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192

~~~~~

---

**"Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)>**

---

**From:** "Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)>  
**Sent:** Mon Dec 18 2017 09:54:29 GMT-0700 (MST)  
**To:** Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>  
**Subject:** Re: Quick Call Today?

AB Wade has it and will bring it with her to the rollout for you.

Leslie

On Mon, Dec 18, 2017 at 11:06 AM, Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Not today. Tentatively tomorrow at noon. I am in dc today and tomorrow. Need to find a way to get the book to me or DOI.

Larry

---

On: 18 December 2017 10:56, "Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)> wrote:  
Hi Larry,

Any word on the time/date of the rollout? SPN needs 3 hours advance notice to get it ready to post. Also, I have the printed copy that Murray requested for the rollout itself. I can bring that over to you, let me know...

Leslie

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior*



(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-center), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-center), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466

[ljones@usgs.gov](mailto:ljones@usgs.gov)

~~~~~

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)  
~~~~~

**Laura Rigas <laura\_rigas@ios.doi.gov>**

---

**From:** Laura Rigas <laura\_rigas@ios.doi.gov>  
**Sent:** Mon Dec 18 2017 10:22:00 GMT-0700 (MST)  
**To:** Lawrence Meinert <lmeinert@usgs.gov>  
**Subject:** Re: Quick Call Today?

Hi Larry —  
Thanks for the quick chat this am. So sorry, but is 9:30 am tomorrow an option for the briefing?  
My best,  
L

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 10:38 AM, Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Any information on 1802? I called your cell but no answer and no voice mail.

Larry

---

On: 15 December 2017 17:06, "Rigas, Laura" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Many thanks, Larry and Murray. Will keep you posted on the schedule.  
My best,  
L

*Laura Keehner Rigas  
Communications Director*

*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today. Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey

[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

---

**"Meinert, Lawrence" <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>**

---

**From:** "Meinert, Lawrence" <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>  
**Sent:** Mon Dec 18 2017 10:24:49 GMT-0700 (MST)  
**To:** Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Subject:** Re: Quick Call Today?

Yes

On Mon, Dec 18, 2017 at 12:22 PM, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry —  
Thanks for the quick chat this am. So sorry, but is 9:30 am tomorrow an option for the briefing?  
My best,  
L

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 10:38 AM, Lawrence Meinert <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)> wrote:

Laura,

Any information on 1802? I called your cell but no answer and no voice mail.

Larry

---

On: 15 December 2017 17:06, "Rigas, Laura" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Many thanks, Larry and Murray. Will keep you posted on the schedule.  
My best,  
L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

--  
Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--  
Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--  
Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

---

**Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>**

**From:** Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Sent:** Mon Dec 18 2017 10:26:12 GMT-0700 (MST)  
**To:** "Meinert, Lawrence" <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>  
**Subject:** Re: Quick Call Today?

Thx!

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:25 PM, Meinert, Lawrence <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)> wrote:

Yes

On Mon, Dec 18, 2017 at 12:22 PM, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Hi Larry —  
Thanks for the quick chat this am. So sorry, but is 9:30 am tomorrow an option for

the briefing?

My best,

L

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 10:38 AM, Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Any information on 1802? I called your cell but no answer and no voice mail.

Larry

---

On: 15 December 2017 17:06, "Rigas, Laura"

<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Many thanks, Larry and Murray. Will keep you posted on the schedule.

My best,

L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence

<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura

<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*

*Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey



12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

## "Meinert, Lawrence" <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>

---

**From:** "Meinert, Lawrence" <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>  
**Sent:** Mon Dec 18 2017 10:27:12 GMT-0700 (MST)  
**To:** "Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)>  
**Subject:** Re: Quick Call Today?

Thanks

On Mon, Dec 18, 2017 at 11:54 AM, Jones, Leslie <[ljones@usgs.gov](mailto:ljones@usgs.gov)> wrote:  
AB Wade has it and will bring it with her to the rollout for you.

Leslie

On Mon, Dec 18, 2017 at 11:06 AM, Lawrence Meinert <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)> wrote:

Not today. Tentatively tomorrow at noon. I am in dc today and tomorrow. Need to find a way to get the book to me or DOI.

Larry

---

On: 18 December 2017 10:56, "Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)> wrote:  
Hi Larry,

Any word on the time/date of the rollout? SPN needs 3 hours advance notice to get it ready to post. Also, I have the printed copy that Murray requested for the rollout itself. I can bring that over to you, let me know...

Leslie

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)> wrote:  
Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national/12201-sunrise-valley-dr), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national/12201-sunrise-valley-dr), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing

U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)

~~~~~

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)

~~~~~

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

## **"Meinert, Lawrence" <lmeinert@usgs.gov>**

---

**From:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
**Sent:** Mon Dec 18 2017 10:30:15 GMT-0700 (MST)  
**To:** Laura Rigas <laura\_rigas@ios.doi.gov>  
**Subject:** Re: Quick Call Today?

Formerly, there was a pre-brief half an hour prior to the briefing. Is that still the case? The invite says 9:30 for the briefing. What time to I need to be at DOI?

Larry

On Mon, Dec 18, 2017 at 12:26 PM, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Thx!

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:25 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes

On Mon, Dec 18, 2017 at 12:22 PM, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry —

Thanks for the quick chat this am. So sorry, but is 9:30 am tomorrow an option for the briefing?

My best,

L

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 10:38 AM, Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Any information on 1802? I called your cell but no answer and no voice mail.

Larry

---

On: 15 December 2017 17:06, "Rigas, Laura"

<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Many thanks, Larry and Murray. Will keep you posted on the schedule.

My best,

L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura

<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence

<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura

<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192

703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

---

**Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>**

**From:** Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Sent:** Mon Dec 18 2017 10:43:10 GMT-0700 (MST)  
**To:** "Meinert, Lawrence" <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>  
**Subject:** Re: Quick Call Today?

Does 5pm work today over the phone? For the prebrief? I would imagine you would want to arrive around 9. Thx!

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:30 PM, Meinert, Lawrence <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)> wrote:

Formerly, there was a pre-brief half an hour prior to the briefing. Is that still the case? The invite says 9:30 for the briefing. What time to I need to be at DOI?

Larry

On Mon, Dec 18, 2017 at 12:26 PM, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Thx!

Laura Keehner Rigas  
Communications Director

U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:25 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes

On Mon, Dec 18, 2017 at 12:22 PM, Laura Rigas  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry —

Thanks for the quick chat this am. So sorry, but is 9:30 am tomorrow  
an option for the briefing?

My best,  
L

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 10:38 AM, Lawrence Meinert  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Any information on 1802? I called your cell but no  
answer and no voice mail.

Larry

---

On: 15 December 2017 17:06, "Rigas, Laura"

<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Many thanks, Larry and Murray. Will keep you posted on  
the schedule.

My best,  
L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Good to talk with you just now about the pending rollout  
of PP1802. Murray and I have gone through the  
Powerpoint and the Q&As so we are all on the same  
page. The only thing changed from previous versions

is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --  
Do you have time for a quick call this afternoon?  
Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.  
Many thanks,  
L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-office/12201-sunrise-valley-dr), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)



--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

---

**Lawrence Meinert <[lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>**

---

**From:** Lawrence Meinert <[lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>  
**Sent:** Mon Dec 18 2017 10:44:08 GMT-0700 (MST)  
**To:** Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Subject:** Re: Quick Call Today?

Yes to both.

---

On: 18 December 2017 12:43, "Laura Rigas" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Does 5pm work today over the phone? For the prebrief? I would imagine you would want to arrive around 9. Thx!

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:30 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)> wrote:

Formerly, there was a pre-brief half an hour prior to the briefing. Is that still the case? The invite says 9:30 for the briefing. What time do I need to be at DOI?

Larry

On Mon, Dec 18, 2017 at 12:26 PM, Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Thx!

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:25 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes

On Mon, Dec 18, 2017 at 12:22 PM, Laura Rigas  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry —

Thanks for the quick chat this am. So sorry, but is 9:30 am tomorrow  
an option for the briefing?

My best,

L

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 10:38 AM, Lawrence Meinert  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Any information on 1802? I called your cell but no  
answer and no voice mail.

Larry

---

On: 15 December 2017 17:06, "Rigas, Laura"

<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Many thanks, Larry and Murray. Will keep you posted on  
the schedule.

My best,

L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior*

(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 5:02 PM, Meinert, Lawrence  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Good to talk with you just now about the pending rollout of PP1802. Murray and I have gone through the Powerpoint and the Q&As so we are all on the same page. The only thing changed from previous versions is the title page with speaker and date. Attached are the final versions of both the Powerpoint and Q&As. Let us know if you need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas, Laura  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Wonderful, thanks, Larry! If you could call my cell below, that would be great. When should I look out for the call? I'm free after 4:30.

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 3:57 PM, Meinert, Lawrence  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM, Rigas, Laura  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --

Do you have time for a quick call this afternoon? Wanted to see if you are available on Monday or Tuesday to help us roll out the critical minerals report. There's a lot of moving pieces, so would be great to connect today.

Many thanks,

L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

---

**Laura Rigas** <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>

**From:** Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Sent:** Mon Dec 18 2017 10:46:19 GMT-0700 (MST)  
**To:** Lawrence Meinert <[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)>  
**Subject:** Re: Quick Call Today?

Thx!

Laura Keehner Rigas

Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:44 PM, Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes to both.

---

On: 18 December 2017 12:43, "Laura Rigas" <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:  
Does 5pm work today over the phone? For the prebrief? I would imagine you would want to arrive around 9. Thx!

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:30 PM, Meinert, Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Formerly, there was a pre-brief half an hour prior to the briefing. Is that still the case? The invite says 9:30 for the briefing. What time to I need to be at DOI?

Larry

On Mon, Dec 18, 2017 at 12:26 PM, Laura Rigas  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Thx!

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 12:25 PM, Meinert, Lawrence  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Yes

On Mon, Dec 18, 2017 at 12:22 PM, Laura Rigas  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry —

Thanks for the quick chat this am. So sorry, but is 9:30 am tomorrow an option for the briefing?

My best,

L

Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior

(202) 897-7022 cell  
@Interior

On Dec 18, 2017, at 10:38 AM, Lawrence Meinert  
<[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Any information on 1802? I called your cell  
but no answer and no voice mail.

Larry

---

On: 15 December 2017 17:06, "Rigas, Laura"  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Many thanks, Larry and Murray. Will keep you  
posted on the schedule.

My best,  
L

*Laura Keehner Rigas  
Communications Director  
U.S. Department of the Interior  
(202) 897-7022 cell  
@Interior*

On Fri, Dec 15, 2017 at 5:02 PM, Meinert,  
Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:

Laura,

Good to talk with you just now about the  
pending rollout of PP1802. Murray and I  
have gone through the Powerpoint and the  
Q&As so we are all on the same page. The  
only thing changed from previous versions  
is the title page with speaker and date.  
Attached are the final versions of both the  
Powerpoint and Q&As. Let us know if you  
need anything further.

Best regards,

Larry and Murray

On Fri, Dec 15, 2017 at 4:03 PM, Rigas,  
Laura <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Wonderful, thanks, Larry! If you could call  
my cell below, that would be great. When  
should I look out for the call? I'm free  
after 4:30.

*Laura Keehner Rigas  
Communications Director*

*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

On Fri, Dec 15, 2017 at 3:57 PM, Meinert,  
Lawrence <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)> wrote:  
Yes to both. Should I call you?

Larry

On Fri, Dec 15, 2017 at 3:45 PM,  
Rigas, Laura  
<[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)> wrote:

Hi Larry --  
Do you have time for a quick call this  
afternoon? Wanted to see if you are  
available on Monday or Tuesday to  
help us roll out the critical minerals  
report. There's a lot of moving  
pieces, so would be great to connect  
today.  
Many thanks,  
L

*Laura Keehner Rigas*  
*Communications Director*  
*U.S. Department of the Interior*  
(202) 897-7022 cell  
@Interior

--

Larry Meinert  
Acting Deputy Associate Director - Energy &  
Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-office), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](https://www.usgs.gov/locations/national-office), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
[12201 Sunrise Valley Dr.](#), MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)

--

Larry Meinert  
Acting Deputy Associate Director - Energy & Minerals  
U.S. Geological Survey  
12201 Sunrise Valley Dr., MS 913  
Reston, VA 20192  
703-648-6100  
[Lmeinert@usgs.gov](mailto:Lmeinert@usgs.gov)



# Conversation Contents

Fwd: DOI info on critical minerals and NPRA assessment

**"Hitzman, Murray" <mhitzman@usgs.gov>**

---

**From:** "Hitzman, Murray" <mhitzman@usgs.gov>  
**Sent:** Fri Dec 15 2017 13:44:37 GMT-0700 (MST)  
**To:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
**Subject:** Fwd: DOI info on critical minerals and NPRA assessment

fyi - you will be carrying water on this Monday - Tuesday. you can call me at 202-706-2821  
----- Forwarded message -----

**From:** **Applegate, David** <[applegate@usgs.gov](mailto:applegate@usgs.gov)>  
**Date:** Fri, Dec 15, 2017 at 2:43 PM  
**Subject:** DOI info on critical minerals and NPRA assessment  
**To:** "A.B. Wade" <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Leslie W Jones <[ljones@usgs.gov](mailto:ljones@usgs.gov)>, Murray Hitzman <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)>, Joanne Taylor <[jctaylor@usgs.gov](mailto:jctaylor@usgs.gov)>, Judy Nowakowski <[jnowakowski@usgs.gov](mailto:jnowakowski@usgs.gov)>, Walter Guidroz <[wguidroz@usgs.gov](mailto:wguidroz@usgs.gov)>, Sarah Ryker <[sryker@usgs.gov](mailto:sryker@usgs.gov)>, David Diamond <[dbdiamond@usgs.gov](mailto:dbdiamond@usgs.gov)>, Thomas Crafford <[tcrafford@usgs.gov](mailto:tcrafford@usgs.gov)>, David Houseknecht <[dhouse@usgs.gov](mailto:dhouse@usgs.gov)>, "Lukas, William" <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)>, Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>, Catherine Puckett <[catherine\\_puckett@usgs.gov](mailto:catherine_puckett@usgs.gov)>  
**Cc:** William Werkheiser <[whwerkhe@usgs.gov](mailto:whwerkhe@usgs.gov)>

All,

Just got off the phone with Andrea Travnicek:

## Critical Minerals

They still don't know if the President will sign EO on Tuesday but are working that issue. DOI Comms has asked if USGS would be ready to release the minerals report on Monday whether or not the

Since you've been waiting for a year, I went out on a limb and said yes. I let Andrea know that Murray would be in Ireland but that Larry was available.

## NPRA Assessment

Target release pushed back to Friday, Dec. 22nd

Bill W and I are to brief the Secretary at 10am on Monday (the Secretary is also going to raise a separate sensitive matter, so just Bill and I invited); they would, however, like to have Dave Houseknecht in the building and available should the Secretary pursue specific questions (Dave -- I'll figure out how close in the building you can be). We can use 3-4 page Powerpoint with disclaimer on the sheets if we like (sensitive, pre-release, not to be shared, etc.).

DOI wants a joint press release announcing both the USGS and BOEM assessments, so no

separate USGS news release.

They want to be sure that libraries don't receive hard copies of the fact sheet ahead of the release.

More as I learn it...

Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
Exercising Authority of the Deputy Director  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](#) MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

--  
Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576

## **Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>**

---

**From:** Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>  
**Sent:** Fri Dec 15 2017 15:05:11 GMT-0700 (MST)  
**To:** Lawrence Meinert <[lmeinert@usgs.gov](mailto:lmeinert@usgs.gov)>  
**Subject:** Fwd: DOI info on critical minerals and NPRA assessment

Leslie (SPN) confirms awareness for posting 1802.

----- Forwarded message -----  
From: Jones, Leslie <[ljones@usgs.gov](mailto:ljones@usgs.gov)>  
Date: Fri, Dec 15, 2017 at 2:58 PM  
Subject: Re: DOI info on critical minerals and NPRA assessment  
To: Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)>  
CC: A.B. Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Murray Hitzman <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)>, Joanne Taylor <[jtaylor@usgs.gov](mailto:jtaylor@usgs.gov)>, Judy Nowakowski <[jnowakowski@usgs.gov](mailto:jnowakowski@usgs.gov)>, Walter Guidroz <[wguidroz@usgs.gov](mailto:wguidroz@usgs.gov)>, Sarah Ryker <[sryker@usgs.gov](mailto:sryker@usgs.gov)>, David Diamond <[dbdiamond@usgs.gov](mailto:dbdiamond@usgs.gov)>, Thomas Crafford <[tcrafford@usgs.gov](mailto:tcrafford@usgs.gov)>, David Houseknecht <[dhhouse@usgs.gov](mailto:dhhouse@usgs.gov)>, Lukas, William <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)>, Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>, Catherine Puckett <[catherine\\_puckett@usgs.gov](mailto:catherine_puckett@usgs.gov)>, William Werkheiser <[whwerkhe@usgs.gov](mailto:whwerkhe@usgs.gov)>

We would need about 3 hours notice to get all the release dates changed and check 508, but we are otherwise ready to go with PP1802. Please include Reston PSC Chief Katharine Schindler ([kschindl@usgs.gov](mailto:kschindl@usgs.gov)) on any email that establishes a release time on Monday.

Thanks,

Leslie

On Fri, Dec 15, 2017 at 2:43 PM, Applegate, David <[applegate@usgs.gov](mailto:applegate@usgs.gov)> wrote:  
All,

Just got off the phone with Andrea Travnicek:

### **Critical Minerals**

They still don't know if the President will sign EO on Tuesday but are working that issue. DOI Comms has asked if USGS would be ready to release the minerals report on Monday whether or not the

Since you've been waiting for a year, I went out on a limb and said yes. I let Andrea know that Murray would be in Ireland but that Larry was available.

### **NPRA Assessment**

Target release pushed back to Friday, Dec. 22nd

Bill W and I are to brief the Secretary at 10am on Monday (the Secretary is also going to raise a separate sensitive matter, so just Bill and I invited); they would, however, like to have Dave Houseknecht in the building and available should the Secretary pursue specific questions (Dave -- I'll figure out how close in the building you can be). We can use 3-4 page Powerpoint with disclaimer on the sheets if we like (sensitive, pre-release, not to be shared, etc.).

DOI wants a joint press release announcing both the USGS and BOEM assessments, so no separate USGS news release.

They want to be sure that libraries don't receive hard copies of the fact sheet ahead of the release.

More as I learn it...

Dave

-----  
David Applegate, Ph.D.  
Associate Director for Natural Hazards  
**Exercising Authority of the Deputy Director**  
U.S. Geological Survey  
[12201 Sunrise Valley Drive](https://www.usgs.gov/locations/national-office) MS 111, Reston VA 20192  
703 648 6600 voice, 703 648 7031 fax  
[applegate@usgs.gov](mailto:applegate@usgs.gov)

--

~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey

MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)

~~~~~

--

A.B. Wade  
[USGS](#) Press Officer  
703-648-4483 desk  
703-317-7871 mobile

# Conversation Contents

**Fwd: USGS Qs and As: Critical Minerals Report (Internal-Only Document)**

**Attachments:**

/8. Fwd: USGS Qs and As: Critical Minerals Report (Internal-Only Document)/1.1 Critical Minerals of the United States Q&As—mh.docx

**"Hitzman, Murray" <mhitzman@usgs.gov>**

---

**From:** "Hitzman, Murray" <mhitzman@usgs.gov>  
**Sent:** Fri Dec 15 2017 14:39:03 GMT-0700 (MST)  
**To:** "Meinert, Lawrence" <lmeinert@usgs.gov>  
**Subject:** Fwd: USGS Qs and As: Critical Minerals Report (Internal-Only Document)  
**Attachments:** Critical Minerals of the United States Q&As—mh.docx

----- Forwarded message -----

**From:** **Puckett, Catherine** <[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)>  
**Date:** Fri, Nov 24, 2017 at 4:45 PM  
**Subject:** USGS Qs and As: Critical Minerals Report (Internal-Only Document)  
**To:** Laura Rigas <[laura\\_rigas@ios.doi.gov](mailto:laura_rigas@ios.doi.gov)>  
**Cc:** Russell Johnson <[russell\\_johnson@ios.doi.gov](mailto:russell_johnson@ios.doi.gov)>, Heather Swift <[heather\\_swift@ios.doi.gov](mailto:heather_swift@ios.doi.gov)>, Judy Nowakowski <[jnowakowski@usgs.gov](mailto:jnowakowski@usgs.gov)>, William Werkheiser <[whwerkhe@usgs.gov](mailto:whwerkhe@usgs.gov)>, Murray Hitzman <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)>, David Applegate <[applegate@usgs.gov](mailto:applegate@usgs.gov)>, William Lukas <[wlukas@usgs.gov](mailto:wlukas@usgs.gov)>, Anne-Berry Wade <[abwade@usgs.gov](mailto:abwade@usgs.gov)>, Betsy Hildebrandt <[bhildebrandt@usgs.gov](mailto:bhildebrandt@usgs.gov)>

Hello: Per request from Laura Rigas, attached is USGS's **internal** Q's and A's document for the forthcoming report. Murray Hitzman has given it the science stamp of approval.

Andrea, Laura said you don't need to review this unless desired, but we always welcome your feedback. If there are any additional edits or requests for adds to this from ASWS or DOI Comms, please let me know.

Thank you, Catherine (Acting for AB Wade)

---

 Catherine Puckett  
Deputy Public Affairs Officer  
USGS Office of Communications  
352-377-2469 (O) 352-278-0165 (cell)  
[cpuckett@usgs.gov](mailto:cpuckett@usgs.gov)

--

Murray W. Hitzman  
U. S. Geological Survey  
Associate Director - Energy and Minerals  
12201 Sunrise Valley Dr., MS 102  
Reston, VA. 20192  
703-648-4576

**Label: "Admin./\*\*\*\*BETSY\*\*\*\*/FOIA 2018-00114"**

**Created by:ljones@usgs.gov**

Total Messages in label:17 (4 conversations)

Created: 06-11-2018 at 09:19 AM

# Conversation Contents

## Updated Procedures for Release of Energy and Mineral Assessments

### Attachments:

/1. Updated Procedures for Release of Energy and Mineral Assessments/1.1 Steps for Assessment Fact Sheet Review and Release Revised 2017 final OSQI.docx

**"Jones, Leslie" <ljones@usgs.gov>**

---

**From:** "Jones, Leslie" <ljones@usgs.gov>  
**Sent:** Fri Dec 15 2017 07:53:19 GMT-0700 (MST)  
**To:** COLT <GS-DO-OCAP-COLT@usgs.gov>  
**BCC:** Leslie Jones <ljones@usgs.gov>  
**Subject:** Updated Procedures for Release of Energy and Mineral Assessments  
**Attachments:** Steps for Assessment Fact Sheet Review and Release Revised 2017 final OSQI.docx

Here is OSQI's revised language that has been added to the procedure document for release of energy and mineral assessments. The part in yellow will be added to SM 502.5 Safeguarding Unpublished Scientific Information.

The entire updated procedure document is attached.

----- Forwarded message -----

From: **Werkheiser, William** <[whwerkhe@usgs.gov](mailto:whwerkhe@usgs.gov)>  
Date: Wed, Dec 13, 2017 at 1:19 PM  
Subject: Re: Update on Procedures for Energy (and Minerals) Program Document on Assessment Releases  
To: "Robinson, Craig" <[crrobinson@usgs.gov](mailto:crrobinson@usgs.gov)>  
Cc: David Applegate <[applegate@usgs.gov](mailto:applegate@usgs.gov)>, "Nowakowski, Judy" <[jnowakowski@usgs.gov](mailto:jnowakowski@usgs.gov)>, Joanne Taylor <[jctaylor@usgs.gov](mailto:jctaylor@usgs.gov)>, Margo Harris <[mrharris@usgs.gov](mailto:mrharris@usgs.gov)>, Murray Hitzman <[mhitzman@usgs.gov](mailto:mhitzman@usgs.gov)>, Leslie Jones <[ljones@usgs.gov](mailto:ljones@usgs.gov)>, Walter Guidroz <[wguidroz@usgs.gov](mailto:wguidroz@usgs.gov)>, "Diamond, David" <[dbdiamond@usgs.gov](mailto:dbdiamond@usgs.gov)>

Thanks Craig. this looks good.-Bill

On Wed, Dec 13, 2017 at 12:00 PM, Robinson, Craig <[crrobinson@usgs.gov](mailto:crrobinson@usgs.gov)> wrote:  
Bill, Dave, Judy and Joanne,

To complete the assignment from the discussion last week, attached is the version (thanks to OCAP for the copy edits) of the procedural document on assessment releases agreed to by the Energy Resources Program, OCAP and OSQI. Here is the pertinent section regarding release:



7. The assessment Fact Sheet is released with approval from the Science Center and in coordination with the Energy Resources Program Coordinator. To permit the Department of the Interior (DOI) to be able to answer questions upon release of the Fact Sheet, the USGS should offer a briefing that includes the assessment numbers to senior Departmental officials who anticipate receiving questions. The briefing is for notification purposes only, and public release shall occur immediately at the conclusion of the briefing. Sufficient steps should be taken at the notification briefing to identify nonpublic information and ensure that DOI employees receiving the briefing understand that such information must not be prematurely released or misused. All U.S. Government employees are subject to misuse of position restrictions including 5 C.F.R. § 2635.702 - Use of public office for private gain and 5 C.F.R. § 2635.703 - Use of nonpublic information.

My understanding is that the same procedures will be incorporated into minerals assessments.

Since we are updating Fundamental Science Practices in the Survey Manual, OSQI will make sure that the policy is clarified where needed. I am available if you have any questions.

Craig

Craig R. Robinson, Ph.D.  
Director, Office of Science Quality and Integrity (OSQI)  
U.S. Geological Survey, MS 911, Reston, VA 20192, USA  
703-648-6601  
[crrobinson@usgs.gov](mailto:crrobinson@usgs.gov)

--  
William H. Werkheiser  
Acting Director, U.S. Geological Survey  
[12201 Sunrise Valley Drive](#), MS 100  
Reston, VA 20192  
703-648-7411

--  
~~~~~  
Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354 FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)  
~~~~~

# Conversation Contents

**Fwd: New Process for Assessment Fact Sheet Review**

**Attachments:**

/3. Fwd: New Process for Assessment Fact Sheet Review/1.1 Steps for Assessment Fact Sheet Review and Release Revised 2017 final.docx

**"Wilkinson, Carol" <cwilkinson@usgs.gov>**

---

**From:** "Wilkinson, Carol" <cwilkinson@usgs.gov>  
**Sent:** Tue Dec 12 2017 10:41:06 GMT-0700 (MST)  
**To:** ljones <ljones@usgs.gov>  
**CC:** Tania Larson <tlarson@usgs.gov>  
**Subject:** Fwd: New Process for Assessment Fact Sheet Review  
**Attachments:** Steps for Assessment Fact Sheet Review and Release Revised 2017 final.docx

Hi Leslie,  
FYI ... I received the attached process document from Chris today. Let us know if you have any concerns.

Best,  
Carol

Carol Wilkinson, Denver PSC  
OCAP, Science Publishing Network  
U.S. Geological Survey  
P.O. Box 25046, MS 902, Bldg. 25  
Denver, CO 80225-0046  
[cwilkinson@usgs.gov](mailto:cwilkinson@usgs.gov)  
Phone: 303-236-5371  
Fax: 303-236-6287

**Office hours:** Daily 9am–5:30pm

----- Forwarded message -----

From: **Schenk, Christopher** <[schenk@usgs.gov](mailto:schenk@usgs.gov)>  
Date: Tue, Dec 12, 2017 at 9:40 AM  
Subject: Fwd: New Process for Assessment Fact Sheet Review  
To: "Wilkinson, Carol" <[cwilkinson@usgs.gov](mailto:cwilkinson@usgs.gov)>

----- Forwarded message -----

From: **Ferderer, David** <[dferdere@usgs.gov](mailto:dferdere@usgs.gov)>  
Date: Tue, Dec 12, 2017 at 9:25 AM  
Subject: New Process for Assessment Fact Sheet Review

To: GS-G-CR Energy Emeritus <[gs-g-cr\\_energy\\_emeritus@usgs.gov](mailto:gs-g-cr_energy_emeritus@usgs.gov)>, GS-G-CR Energy  
Federal Employees <[gs-g-cr\\_energy\\_federal\\_employ<wbr>ees@usgs.gov](mailto:gs-g-cr_energy_federal_employ<wbr>ees@usgs.gov)>  
Cc: David Ferderer <[dferdere@usgs.gov](mailto:dferdere@usgs.gov)>

To all Assessment Authors from Walter Guidroz,

Please see attached document, which provides clarity and a process regarding assessment releases and the timing of when data and results are made available to the public. This process is to protect our assessment results from inadvertent, unanticipated, or early release. This guidance is newly prepared as a collaborative effort between OSQI, Congressional Affairs, the Office of Communications, and the EM Mission Area (and, by extension, ERP). Please share this information with relevant staff in your respective Science Centers for awareness. Please let me know if there are any questions or you'd like to discuss further. GS-G.

Thanks

Dave

--

David A. Ferderer

Director  
Central Energy Resources Science Center (CERSC)  
P.O. Box 25046 MS 939 DFC  
ph: 303-236-7775  
cell: 303-818-4678

**"Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)>**

---

**From:** "Jones, Leslie" <[ljones@usgs.gov](mailto:ljones@usgs.gov)>  
**Sent:** Tue Dec 12 2017 11:23:11 GMT-0700 (MST)  
**To:** "Wilkinson, Carol" <[cwilkinson@usgs.gov](mailto:cwilkinson@usgs.gov)>  
**CC:** Tania Larson <[tlarson@usgs.gov](mailto:tlarson@usgs.gov)>  
**BCC:** Leslie Jones <[ljones@usgs.gov](mailto:ljones@usgs.gov)>  
**Subject:** Re: New Process for Assessment Fact Sheet Review

Well I have huge concerns which I expressed to Bill Werkheiser, Dave Applegate, Judy Nowakowski, and others but I was overruled. I was involved in the update of this document, so glad to see it has been sent out to you through the center. I told them I needed this change in print, so this is it.

You no longer have to wait for word from me about timing, we must follow this guidance now...

Thanks,

Leslie

On Tue, Dec 12, 2017 at 12:41 PM, Wilkinson, Carol <[cwilkinson@usgs.gov](mailto:cwilkinson@usgs.gov)> wrote:

Hi Leslie,

FYI ... I received the attached process document from Chris today. Let us know if you have

any concerns.

Best,  
Carol

Carol Wilkinson, Denver PSC  
OCAP, Science Publishing Network  
U.S. Geological Survey  
P.O. Box 25046, MS 902, Bldg. 25  
Denver, CO 80225-0046  
[cwilkinson@usgs.gov](mailto:cwilkinson@usgs.gov)  
Phone: 303-236-5371  
Fax: 303-236-6287

**Office hours:** Daily 9am–5:30pm

----- Forwarded message -----

From: **Schenk, Christopher** <[schenk@usgs.gov](mailto:schenk@usgs.gov)>  
Date: Tue, Dec 12, 2017 at 9:40 AM  
Subject: Fwd: New Process for Assessment Fact Sheet Review  
To: "Wilkinson, Carol" <[cwilkinson@usgs.gov](mailto:cwilkinson@usgs.gov)>

----- Forwarded message -----

From: **Ferderer, David** <[dferdere@usgs.gov](mailto:dferdere@usgs.gov)>  
Date: Tue, Dec 12, 2017 at 9:25 AM  
Subject: New Process for Assessment Fact Sheet Review  
To: GS-G-CR Energy Emeritus <[gs-g-cr\\_energy\\_emeritus@usgs.gov](mailto:gs-g-cr_energy_emeritus@usgs.gov)>, GS-G-CR Energy  
Federal Employees <[gs-g-cr\\_energy\\_federal\\_employees@usgs.gov](mailto:gs-g-cr_energy_federal_employees@usgs.gov)>  
Cc: David Ferderer <[dferdere@usgs.gov](mailto:dferdere@usgs.gov)>

To all Assessment Authors from Walter Guidroz,

Please see attached document, which provides clarity and a process regarding assessment releases and the timing of when data and results are made available to the public. This process is to protect our assessment results from inadvertent, unanticipated, or early release. This guidance is newly prepared as a collaborative effort between OSQI, Congressional Affairs, the Office of Communications, and the EM Mission Area (and, by extension, ERP). Please share this information with relevant staff in your respective Science Centers for awareness. Please let me know if there are any questions or you'd like to discuss further. GS-G.

Thanks

Dave

--

David A. Ferderer

Director  
Central Energy Resources Science Center (CERSC)  
P.O. Box 25046 MS 939 DFC  
ph: 303-236-7775  
cell: 303-818-4678

--

~~~~~

Leslie W. Jones  
Science Publishing Network Chief and  
Deputy Associate Director, Office of Communications and Publishing  
U.S. Geological Survey  
MS 119 National Center  
Reston, VA 20192  
703-648-4354      FAX: 703-648-4466  
[ljones@usgs.gov](mailto:ljones@usgs.gov)

~~~~~